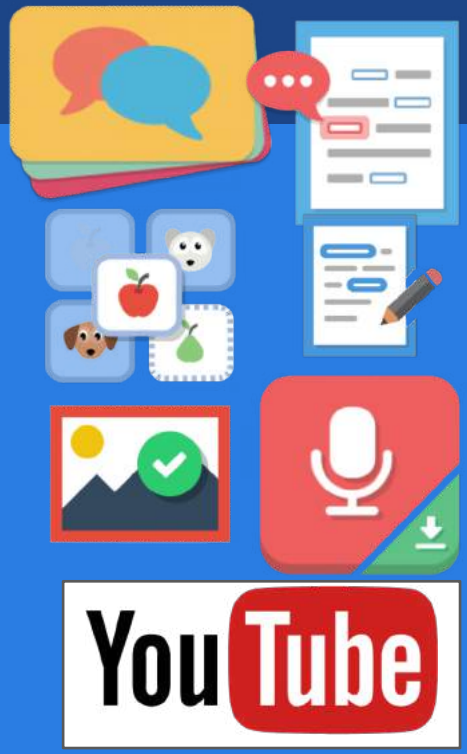
Pengembangan Media Pembelajaran Interaktif



dengan

H5P + Blogger

bersama: Aliv Faizal M, S.Pd., M.Pd

Pengembangan Media Pembelajaran Interaktif dengan **H5P+Blogger**

Aliv Faizal M, S.Pd., M.Pd

KEGIATAN DAN LUARAN

DAY	KEGIATAN	LUARAN
1	Membuat Media Pembelajaran dengan H5P	Media Pembelajaran berbasis H5P
2	Membuat blog dengan blogger sebagai media delivery media pembelajaran.	Personal Blog di Blogger.

FINAL OUTPUT

Setiap peserta memiliki personal blog (dengan blogger/blogspot) berisi sekumpulan media pembelajaran interaktif berbasis H5P sehingga digunakan sebagai pendukung proses pengajaran.

Requirements:

1. Laptop dengan **speaker** dan **mic** yang bekerja dengan baik.
2. Browser **chrome**
3. Koneksi Internet **Stabil** (Sebaiknya mempersiapkan internet Tethering masing-masing, jangan pakai wifi ruangan karena akan rebutan dan jadinya lelet)
4. Konten (materi/bahan ajar untuk media interaktif).
5. Akun **gmail** untuk mendaftar blogger.

H5P

DAY 1.

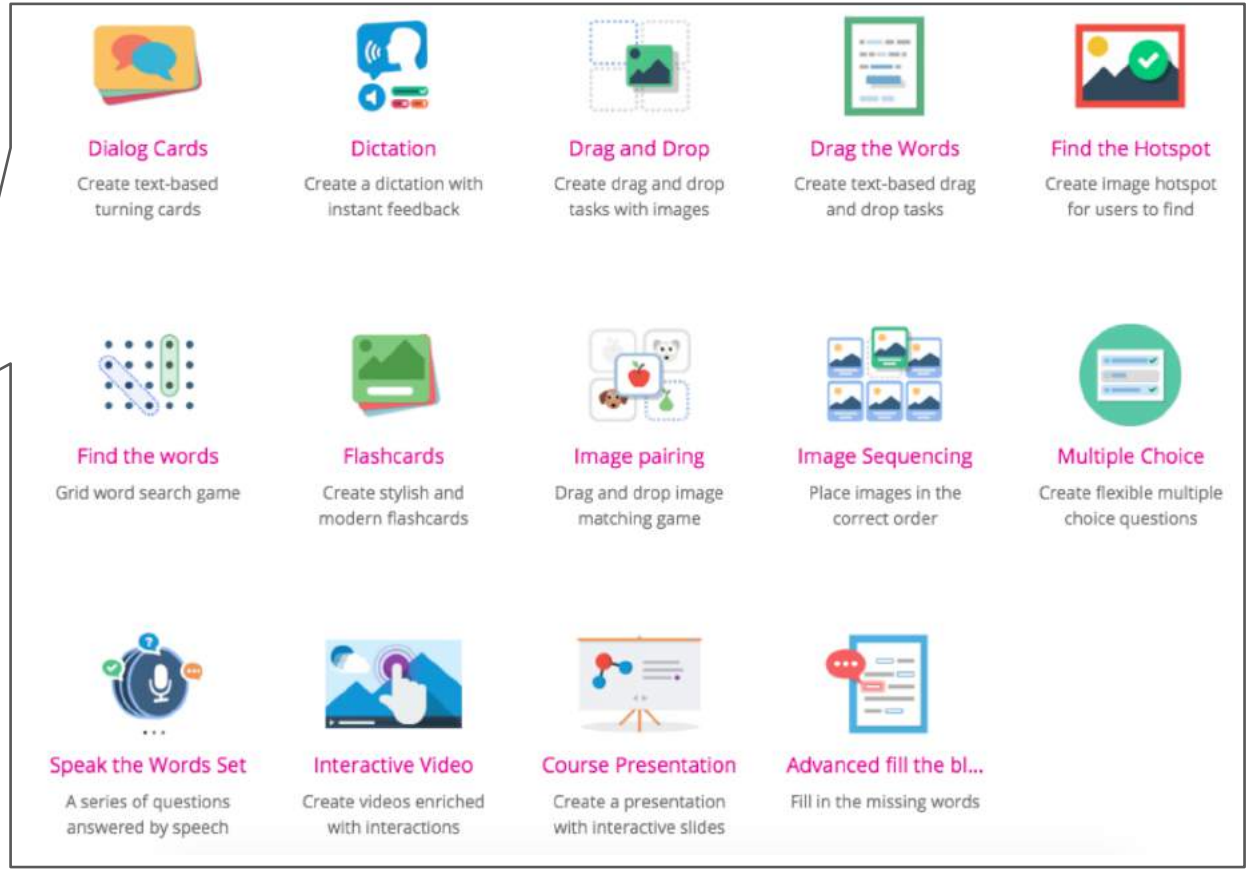
Target:
Menguasai cara menggunakan fitur-fitur interaktif H5P

H5P adalah sebuah authoring tool untuk membuat media pembelajaran interaktif berbasis web. Pengajar dapat menggunakannya untuk menyampaikan materi pembelajaran secara interaktif dan menarik, maupun untuk memberikan latihan soal melalui berbagai model interaksi.

Dengan kreativitas yang tinggi, seorang pengajar akan mampu menciptakan media pembelajaran interaktif untuk menghadirkan pembelajaran yang menyenangkan.

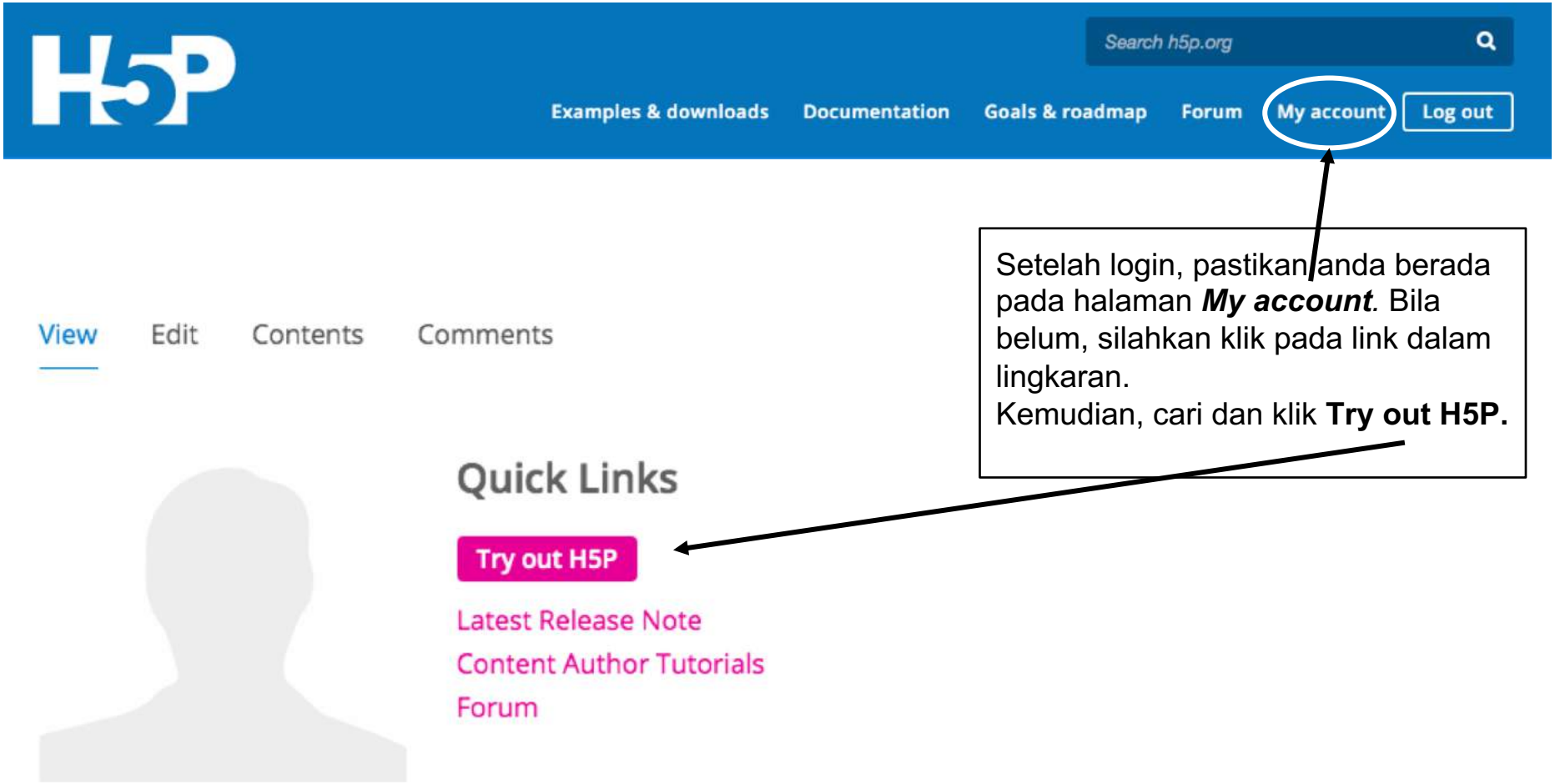
43 Fitur Interaktif H5P

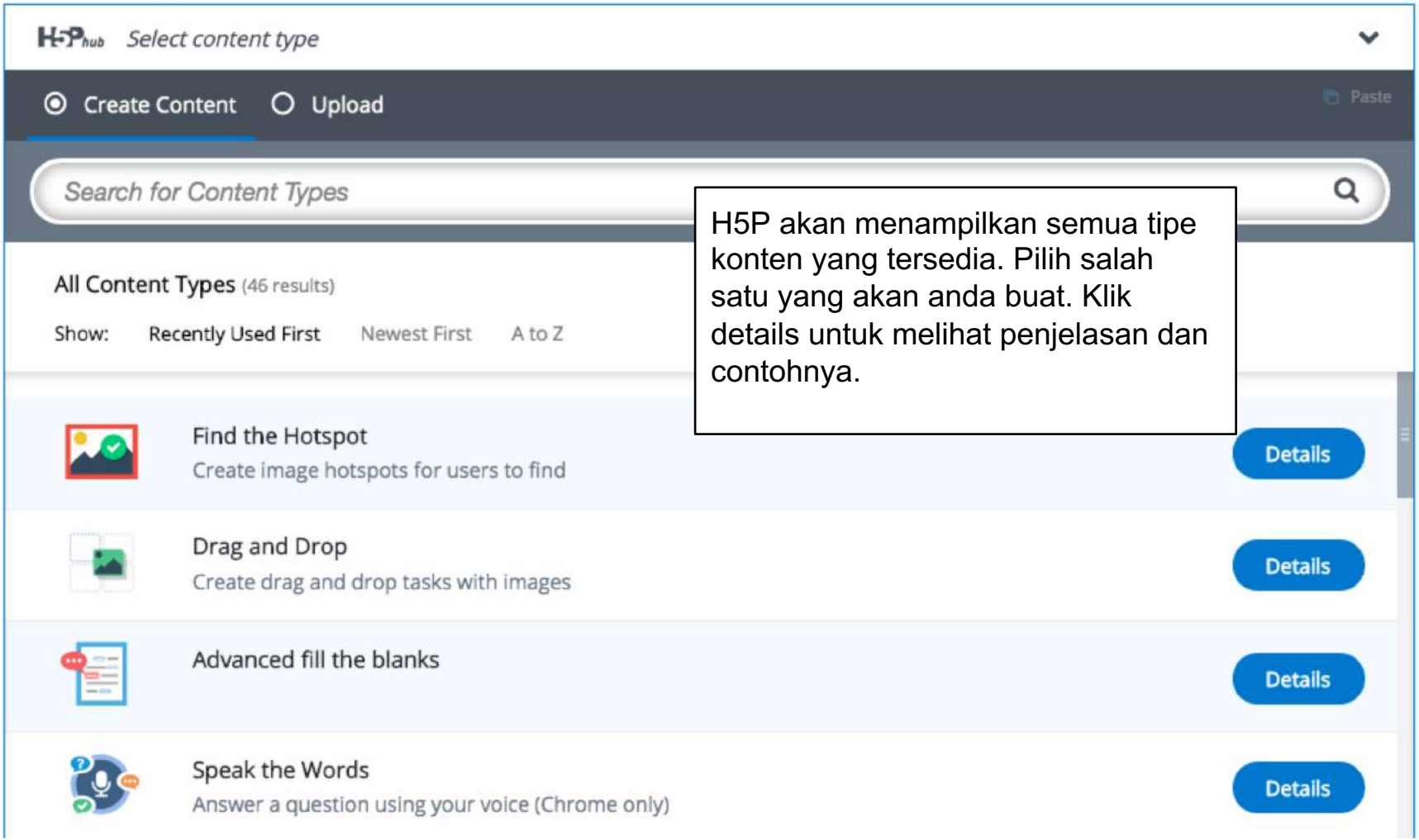
Kita mulai dari yang dasar



1

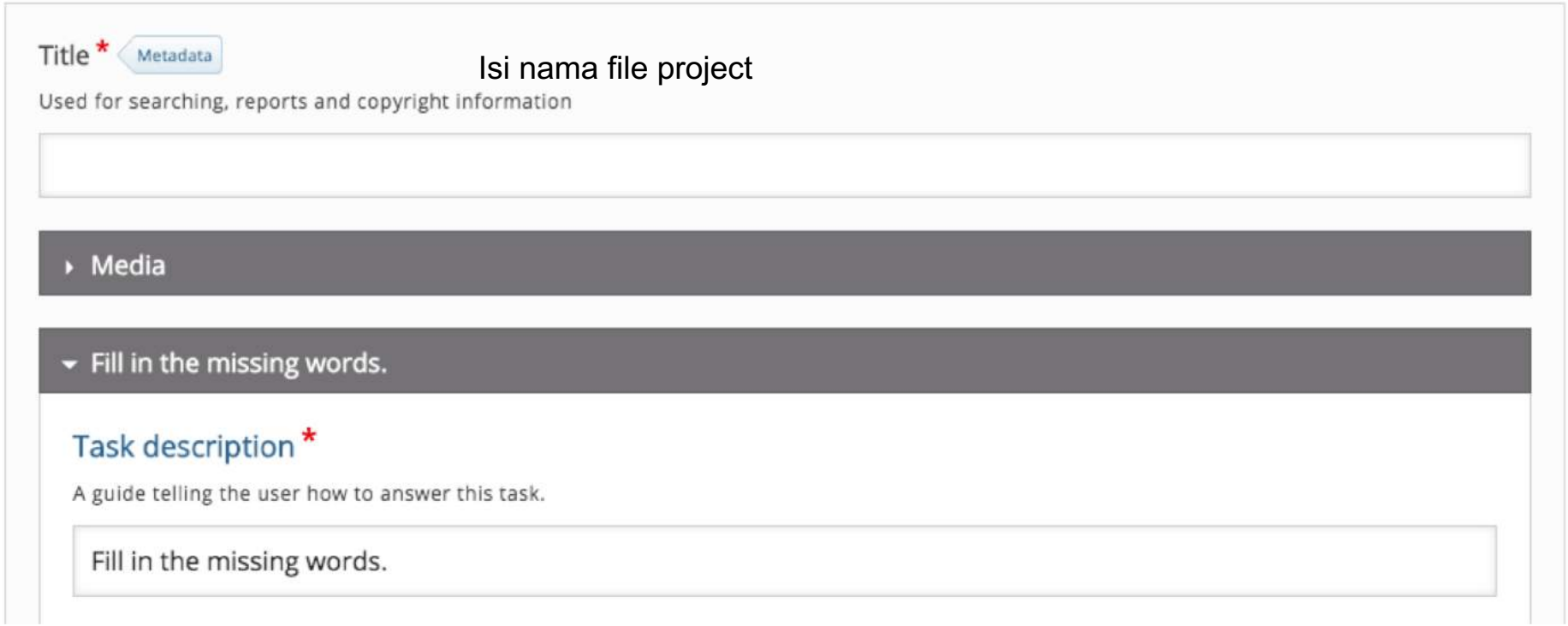
Advanced fill the blanks


Search h5p.org
Examples & downloads
Documentation
Goals & roadmap
Forum
My account
Log out
View
Edit
Contents
Comments
Quick Links
Try out H5P
Latest Release Note
Content Author Tutorials
Forum
Setelah login, pastikan anda berada pada halaman ***My account***. Bila belum, silahkan klik pada link dalam lingkaran.
Kemudian, cari dan klik **Try out H5P.**



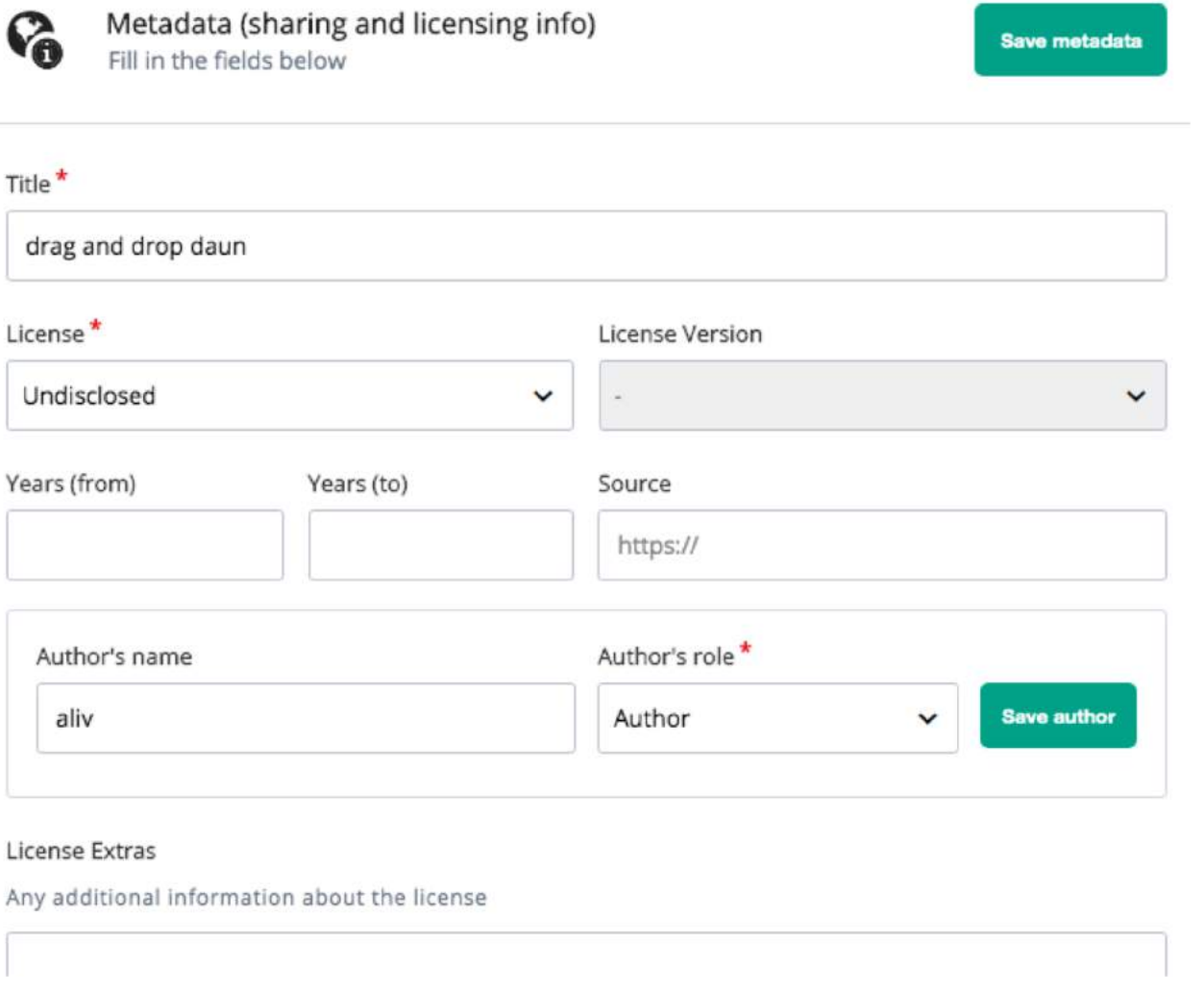
H5P akan menampilkan semua tipe konten yang tersedia. Pilih salah satu yang akan anda buat. Klik details untuk melihat penjelasan dan contohnya.

Advanced fill the blanks

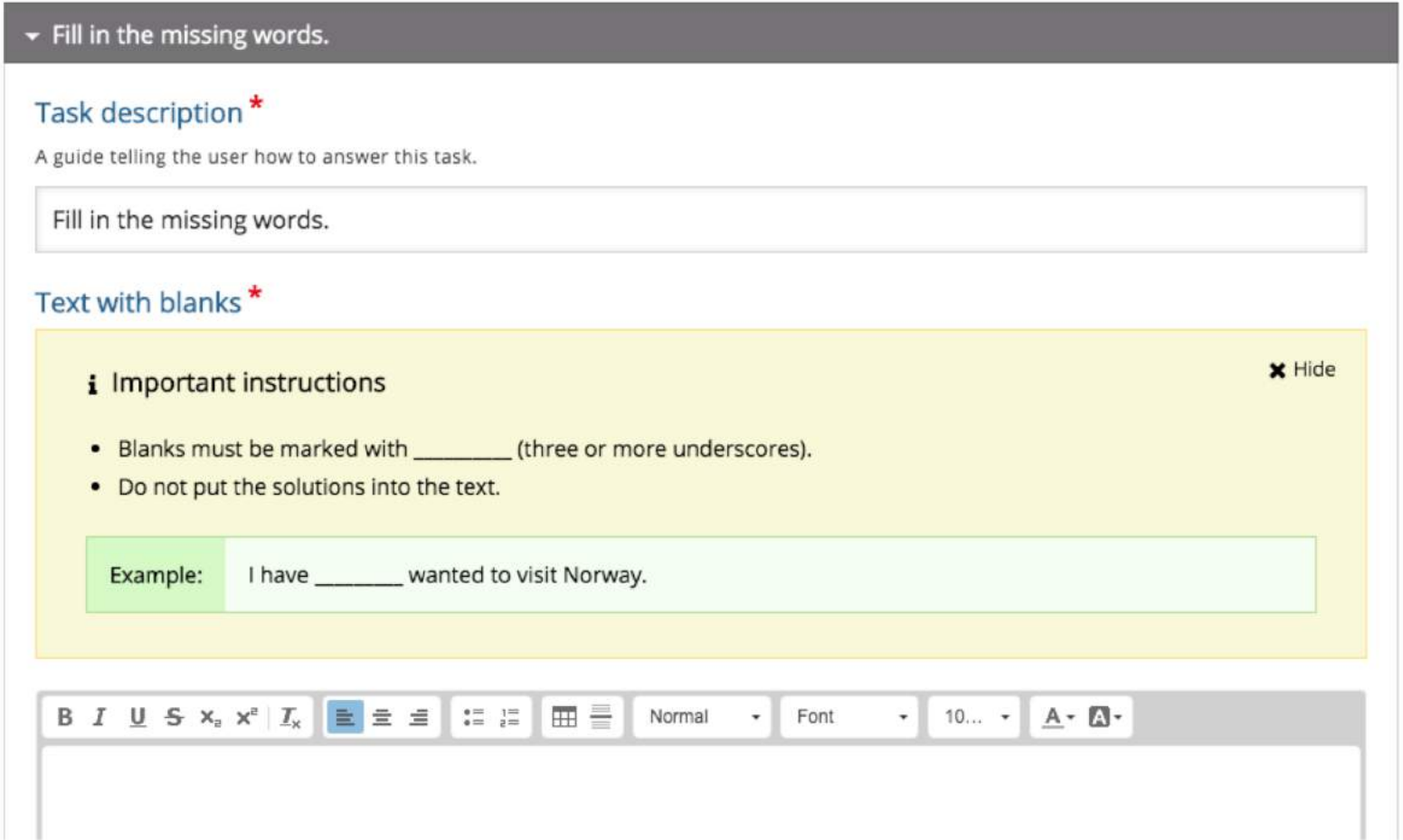


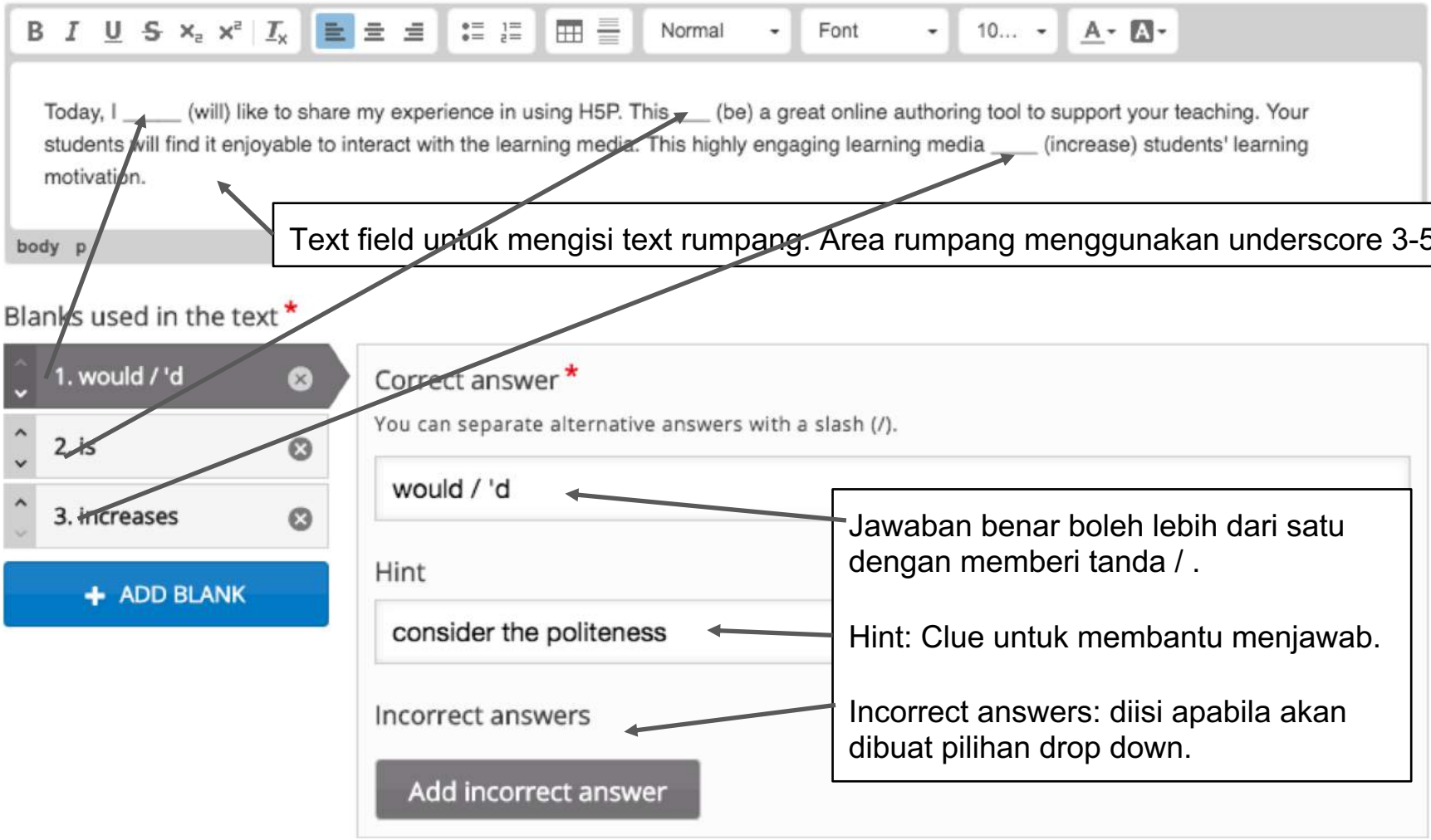
Meta Data

Isi semua meta data yang dibutuhkan untuk memudahkan pencarian dan otorisasi kepemilikan. Ini penting karena konten h5p ditampilkan online.

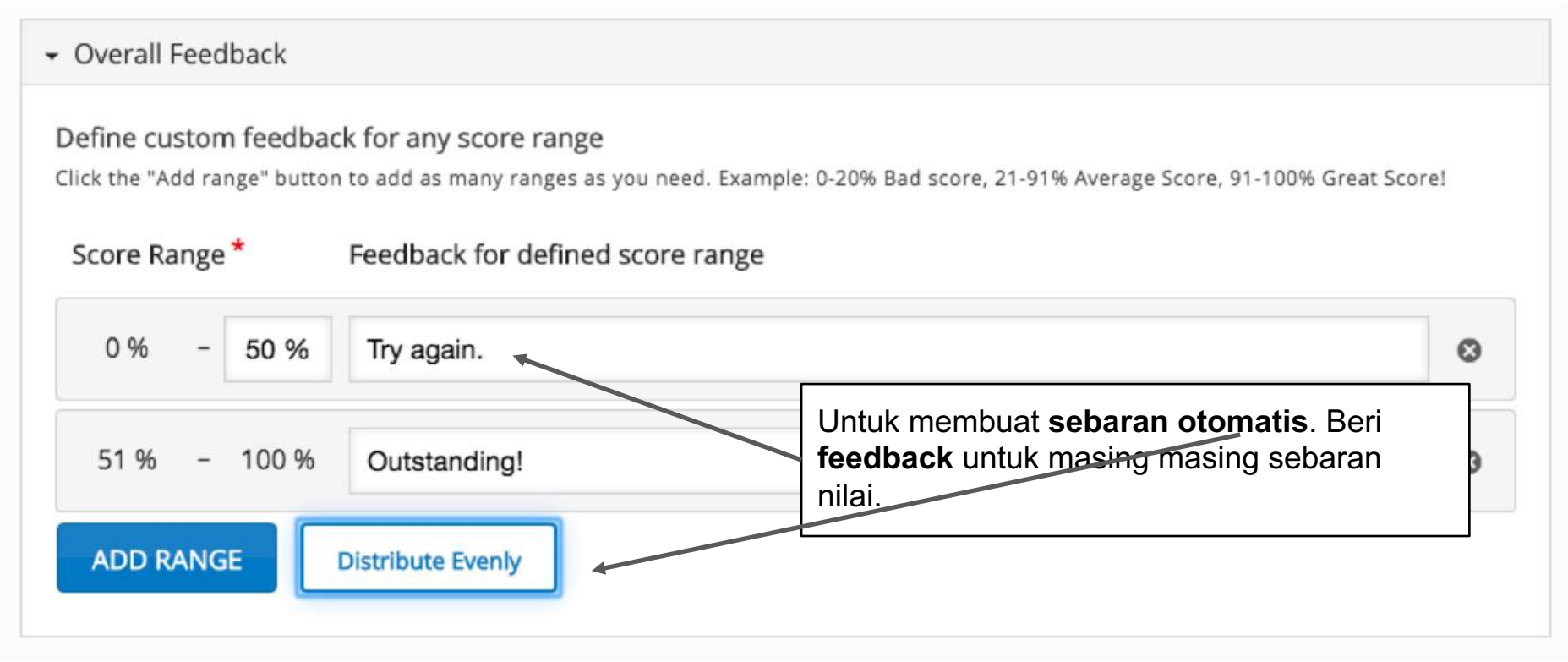


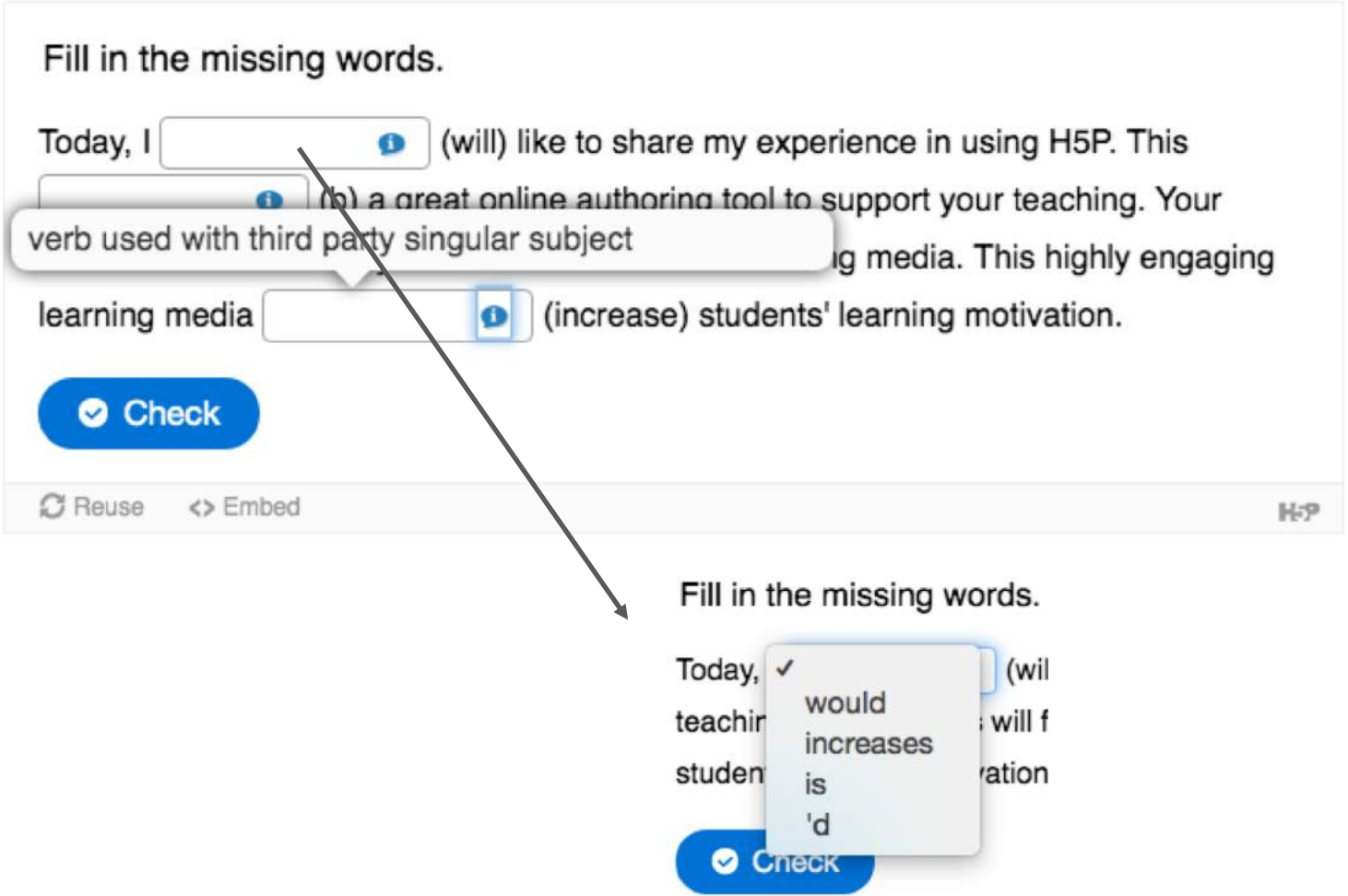
Task Description



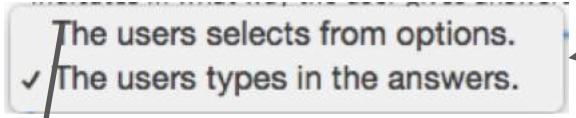

Normal
Font
10...
Today, I _____ (will) like to share my experience in using H5P. This ___ (be) a great online authoring tool to support your teaching. Your students will find it enjoyable to interact with the learning media. This highly engaging learning media ____ (increase) students' learning motivation.
body p
Text field untuk mengisi text rumpang. Area rumpang menggunakan underscore 3-5.
Blanks used in the text *
1. would / 'd
2. is
3. increases
ADD BLANK
Correct answer *
You can separate alternative answers with a slash (/).
would / 'd
Jawaban benar boleh lebih dari satu dengan memberi tanda / .
Hint
consider the politeness
Hint: Clue untuk membantu menjawab.
Incorrect answers
Incorrect answers: diisi apabila akan dibuat pilihan drop down.
Add incorrect answer

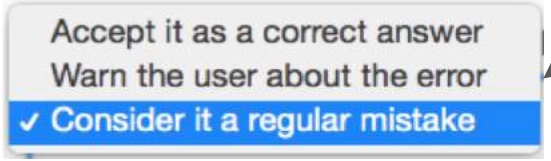
Feedback


Overall Feedback
Define custom feedback for any score range
Click the "Add range" button to add as many ranges as you need. Example: 0-20% Bad score, 21-91% Average Score, 91-100% Great Score!
Score Range *
Feedback for defined score range
0 %
–
50 %
Try again.
51 %
–
100 %
Outstanding!
ADD RANGE
Distribute Evenly
Untuk membuat **sebaran otomatis**. Beri **feedback** untuk masing masing sebaran nilai.

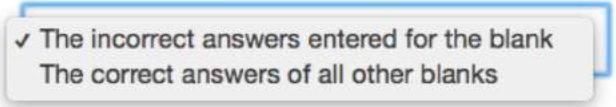

Fill in the missing words.
Today, I (will) like to share my experience in using H5P. This
(b) a great online authoring tool to support your teaching. Your
verb used with third party singular subject
g media. This highly engaging
learning media (increase) students' learning motivation.
Check
Reuse
Embed
H5P
Fill in the missing words.
Today, ✓
would
increases
is
'd
(wil
will f
vation
Check

Behavioral Settings





Alternatives offered for selection *



Maximum number of alternatives of other blanks offered for selection *

Enter 0 to set no limit.

5

▾ Behavioural settings

Answer mode *

Indicates in what way the user gives answers.

The users types in the answers.

Behaviour when user makes a spelling error *

Consider it a regular mistake

☐ Case sensitive

If enabled, capitalization that is different from the solution is considered an error.

☐ Automatically check answers after input

☑ Enable "Show solutions" button

☑ Require all fields to be answered before the solution can be viewed

☑ Enable "Retry"

☐ Disable image zooming for question image

☐ Show confirmation dialog on "Check"

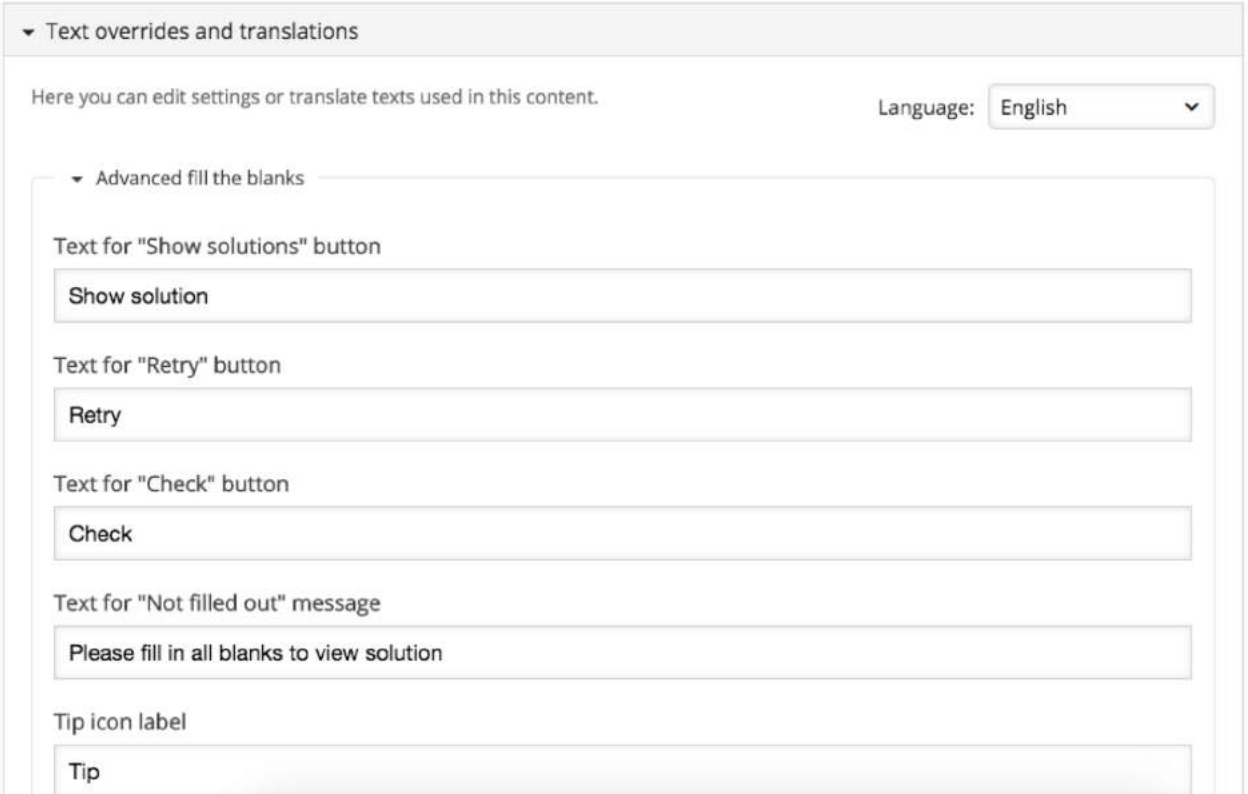
This options is not compatible with the "Automatically check answers after input" option

☐ Show confirmation dialog on "Retry"

Mengganti Pesan Interaksi

Pesan interaksi dapat diganti sesuai kebutuhan. Misal:

Retry > Coba lagi. / Belum beruntung.

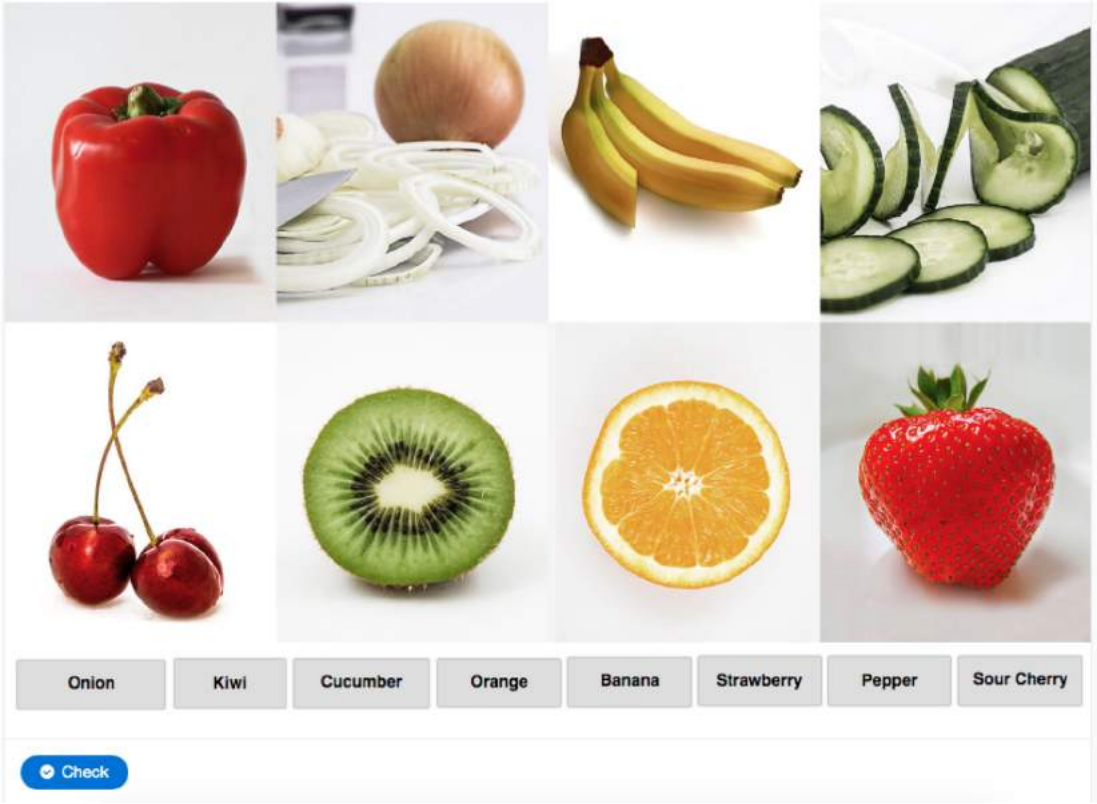


Drag and Drop

2

Drag and Drop

Create drag and drop tasks with images



Prinsip Dasar Drag and Drop

Prinsip dasar yang perlu dimengerti agar dapat membuat interaksi drag and drop adalah menentukan **Drag Source** dan **Drag Target**.

Title * Metadata

Used for searching, reports and copyright information

1. Isi judul

Step 1
Settings

Step 2
Task

Background image

Optional. Select an image to use as background for your drag and drop task.
Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger images you must Install H5P on your web site.

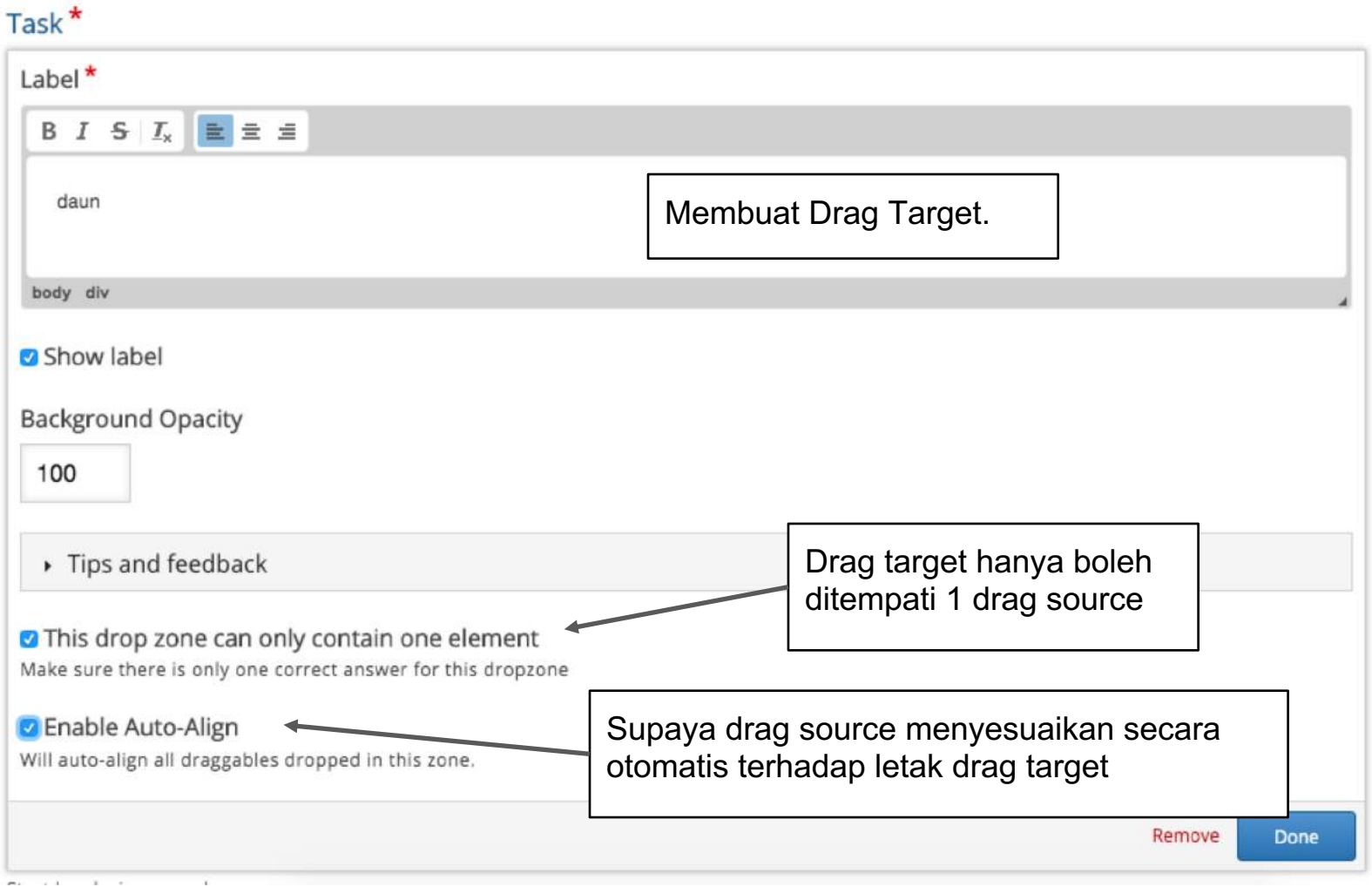
Add 2. Upload gambar

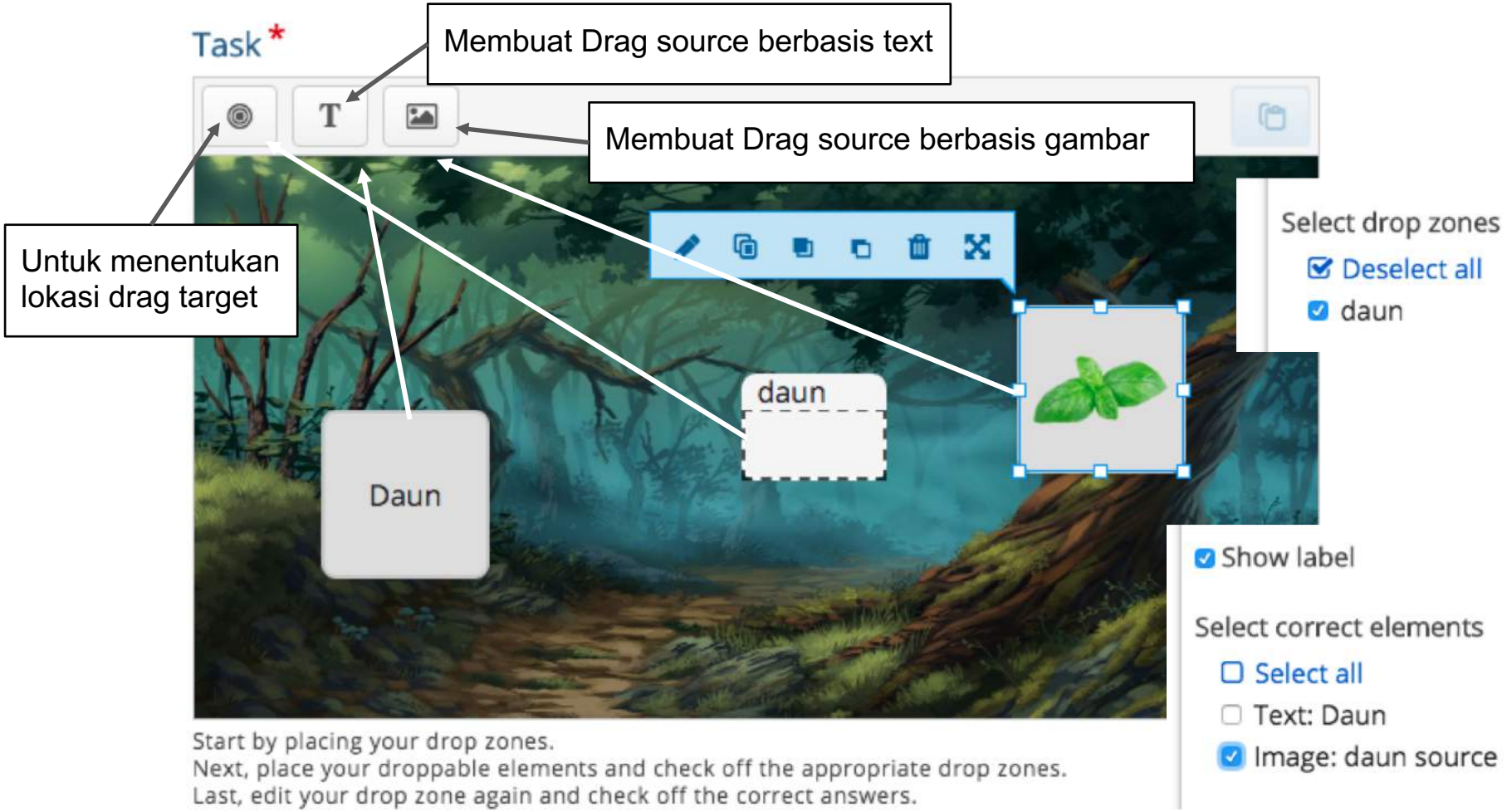
Task size *

Specify how large (in px) the play area should be.

620 x 310

Next Step
Task


Task *
Label *
daun
body div
Membuat Drag Target.
Show label
Background Opacity
100
Tips and feedback
Drag target hanya boleh ditempati 1 drag source
This drop zone can only contain one element
Make sure there is only one correct answer for this dropzone
Enable Auto-Align
Will auto-align all draggables dropped in this zone.
Supaya drag source menyesuaikan secara otomatis terhadap letak drag target
Remove
Done

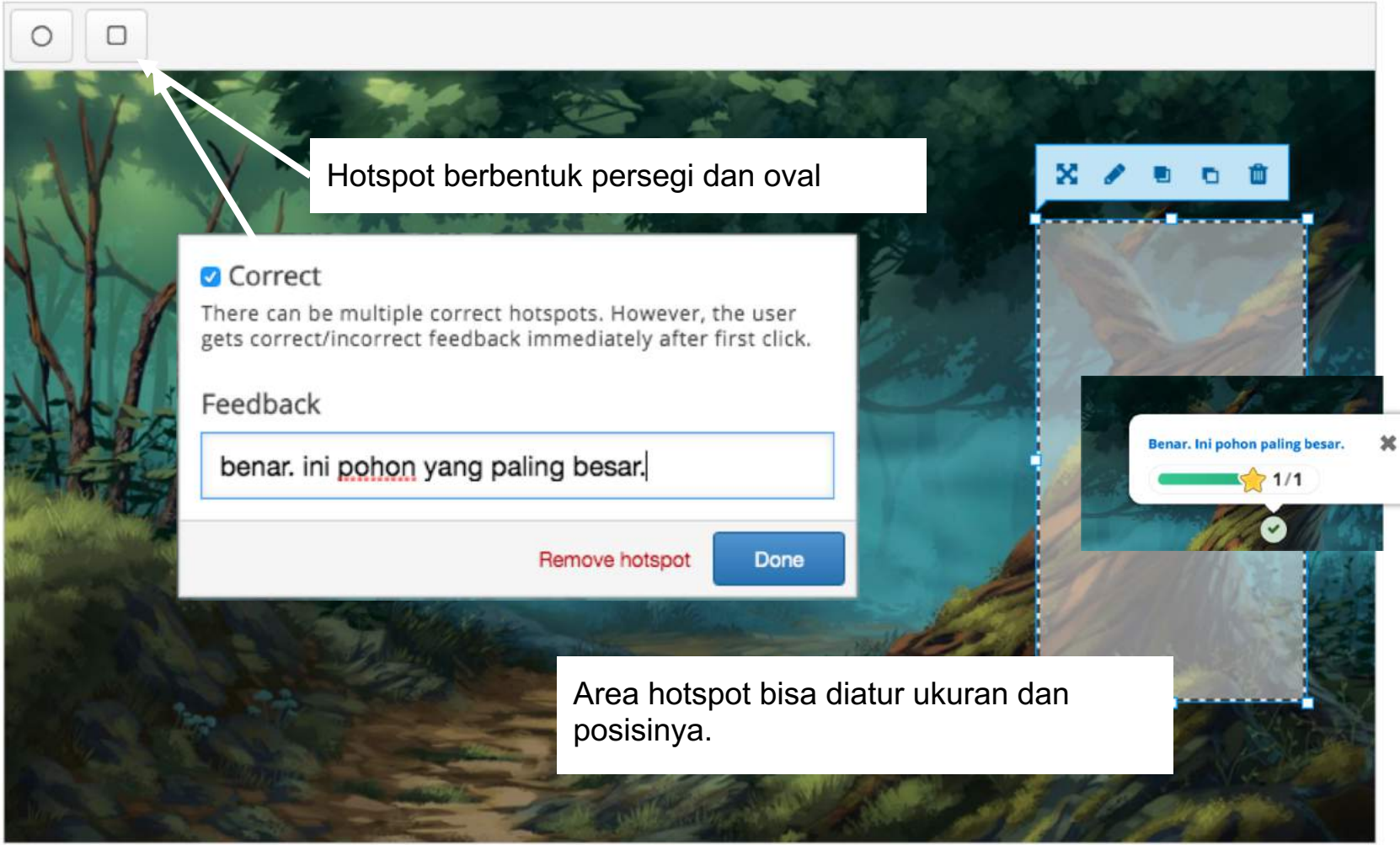

Task *
Membuat Drag source berbasis text
Membuat Drag source berbasis gambar
Untuk menentukan lokasi drag target
daun
Daun
Select drop zones
Deselect all
daun
Show label
Select correct elements
Select all
Text: Daun
Image: daun source
Start by placing your drop zones.
Next, place your droppable elements and check off the appropriate drop zones.
Last, edit your drop zone again and check off the correct answers.

3

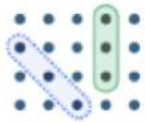
Find the Hotspot

Create image hotspot
for users to find

Judul, Meta Data, Background


Hotspot berbentuk persegi dan oval
Correct
There can be multiple correct hotspots. However, the user gets correct/incorrect feedback immediately after first click.
Feedback
benar. ini pohon yang paling besar.
Remove hotspot
Done
Benar. Ini pohon paling besar.
1/1
Area hotspot bisa diatur ukuran dan posisinya.

4



Find the words

Grid word search game

Temukan 3 nama hewan.

N	P	O	A	V	U	I
K	E	L	I	N	C	I
K	D	D	W	V	W	Y
Z	Y	V	Z	X	U	Q
H	A	R	I	M	A	U
S	I	N	G	A	H	M
Y	M	K	S	C	A	I

Find the words

- ✔ singa
- ✔ harimau
- ✔ kelinci

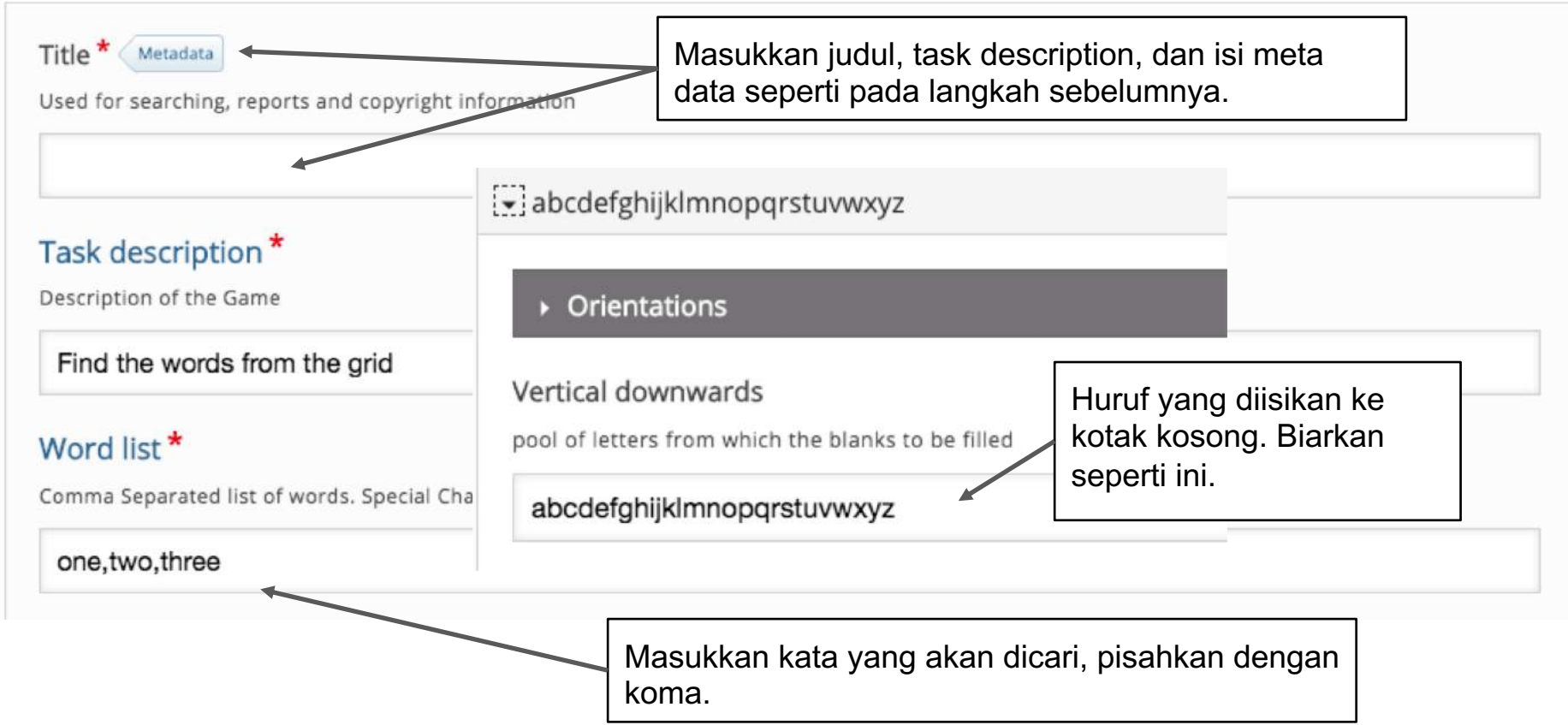
Time Spent : **0:27**

3 of **3** found

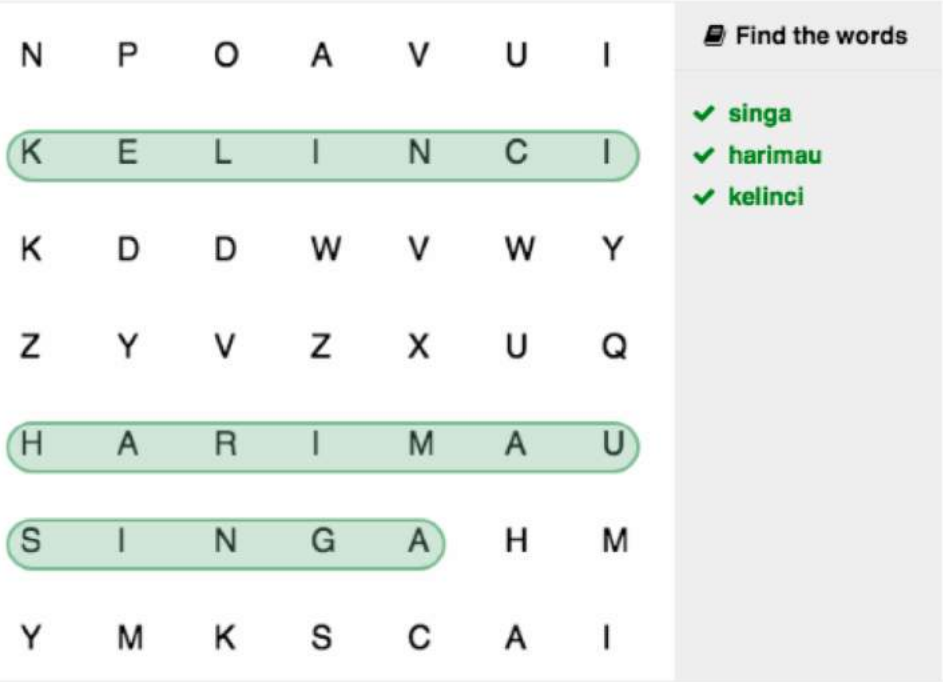
You got 3 of 3 points

3/3

Retry


Title * Metadata
Used for searching, reports and copyright information
Masukkan judul, task description, dan isi meta data seperti pada langkah sebelumnya.
abcdefghijklmnopqrstuvwxyz
Task description *
Description of the Game
Find the words from the grid
Orientations
Vertical downwards
pool of letters from which the blanks to be filled
abcdefghijklmnopqrstuvwxyz
Huruf yang diisikan ke kotak kosong. Biarkan seperti ini.
Word list *
Comma Separated list of words. Special Cha
one,two,three
Masukkan kata yang akan dicari, pisahkan dengan koma.

Temukan 3 nama hewan.



Find the words

- ✔ **singa**
- ✔ **harimau**
- ✔ **kelinci**

Time Spent : **0:27**

3 of **3** found

You got 3 of 3 points

3/3

Retry

5

Speak the Words Set

A series of questions answered by speech

Cocok untuk mengajar Pronunciation dan Reading aloud bahasa Inggris

Dan tujuan lainnya yang mengharuskan peserta didik berbicara/melafalkan.

! Hanya bisa dijalankan di browser **Chrome**.

Dan hanya bisa di-embed di situs dengan SSL. (https://)

Title * Metadata

Used for searching, reports and copyright

Reading Aloud Practice

Introduction

Display introduction

Introduction image

Note: To avoid abuse, H5P.org has limi

Add

Alternative text for introduction

Title

Introduction text

This title will be displayed above the in

Introduction image

Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger images you must Install H5P on your web site.

Edit image Edit copyright

Alternative text for introduction image

Reading aloud practice.

Title

Pronunciation practice through reading aloud.

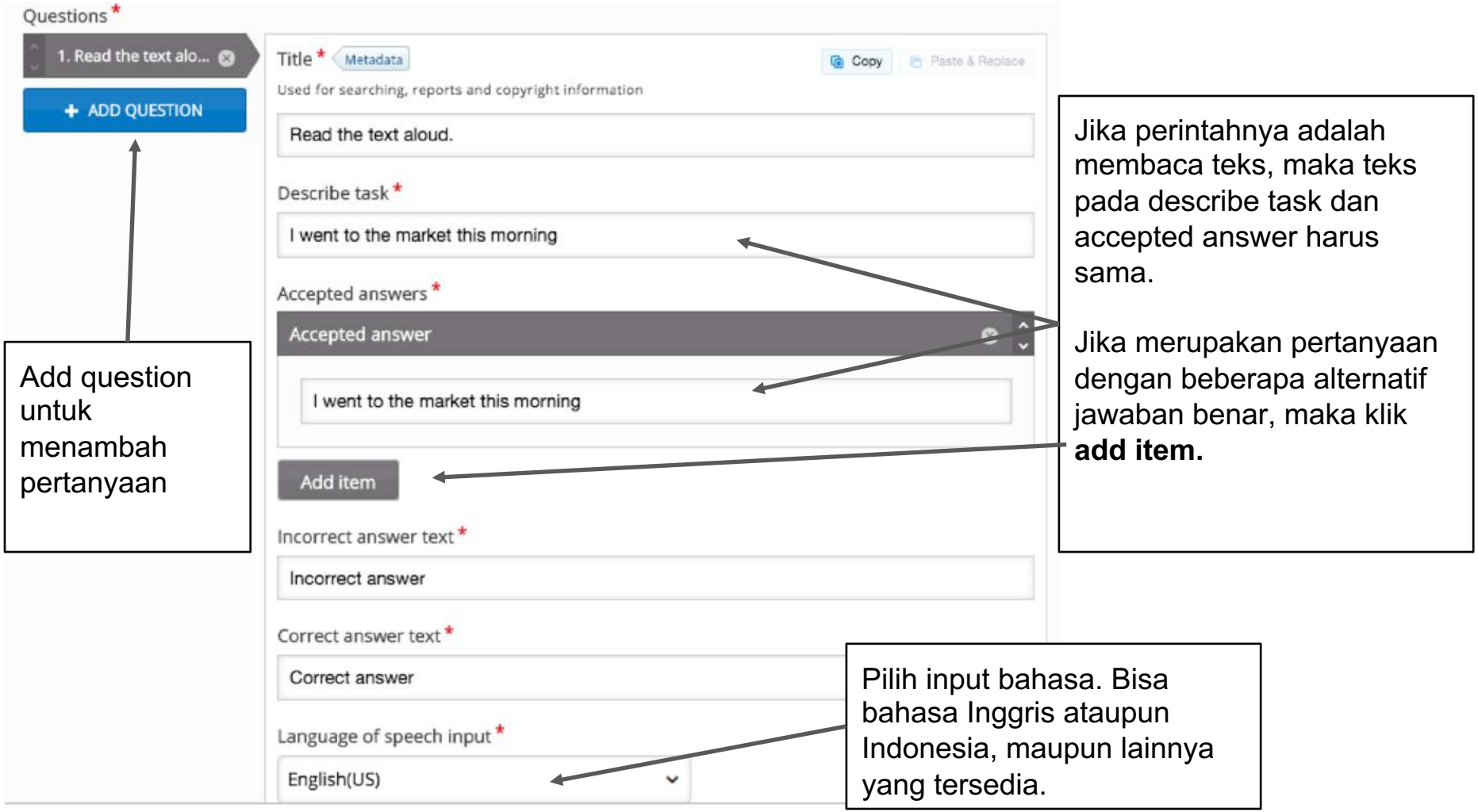
Introduction text

This title will be displayed above the introduction text.

B I x_2 x^2 I_x

Improve your English pronunciation by reading aloud.

body div


Questions *
1. Read the text alo...
+ ADD QUESTION
Title * Metadata
Copy
Paste & Replace
Used for searching, reports and copyright information
Read the text aloud.
Describe task *
I went to the market this morning
Accepted answers *
Accepted answer
I went to the market this morning
Add item
Incorrect answer text *
Incorrect answer
Correct answer text *
Correct answer
Language of speech input *
English(US)
Add question untuk menambah pertanyaan
Jika perintahnya adalah membaca teks, maka teks pada describe task dan accepted answer harus sama.
Jika merupakan pertanyaan dengan beberapa alternatif jawaban benar, maka klik add item.
Pilih input bahasa. Bisa bahasa Inggris ataupun Indonesia, maupun lainnya yang tersedia.

Pronunciation practice through reading aloud.

Improve your English pronunciation by reading aloud.

Start Course!

Tampilan halaman **introduction** dan pertanyaan pertama. Tombol **push to speak** untuk mulai merekam suara.

I went to the market this morning

Push to speak

Reuse Embed

https://h5p.org/node/567149?feed_me=nps

h5p.org wants to

Use your microphone

Block Allow

Untuk pertamakali, Chrome akan meminta ijin mengaktifkan microphone. Klik allow. Saat itu button berubah menjadi listening merah.

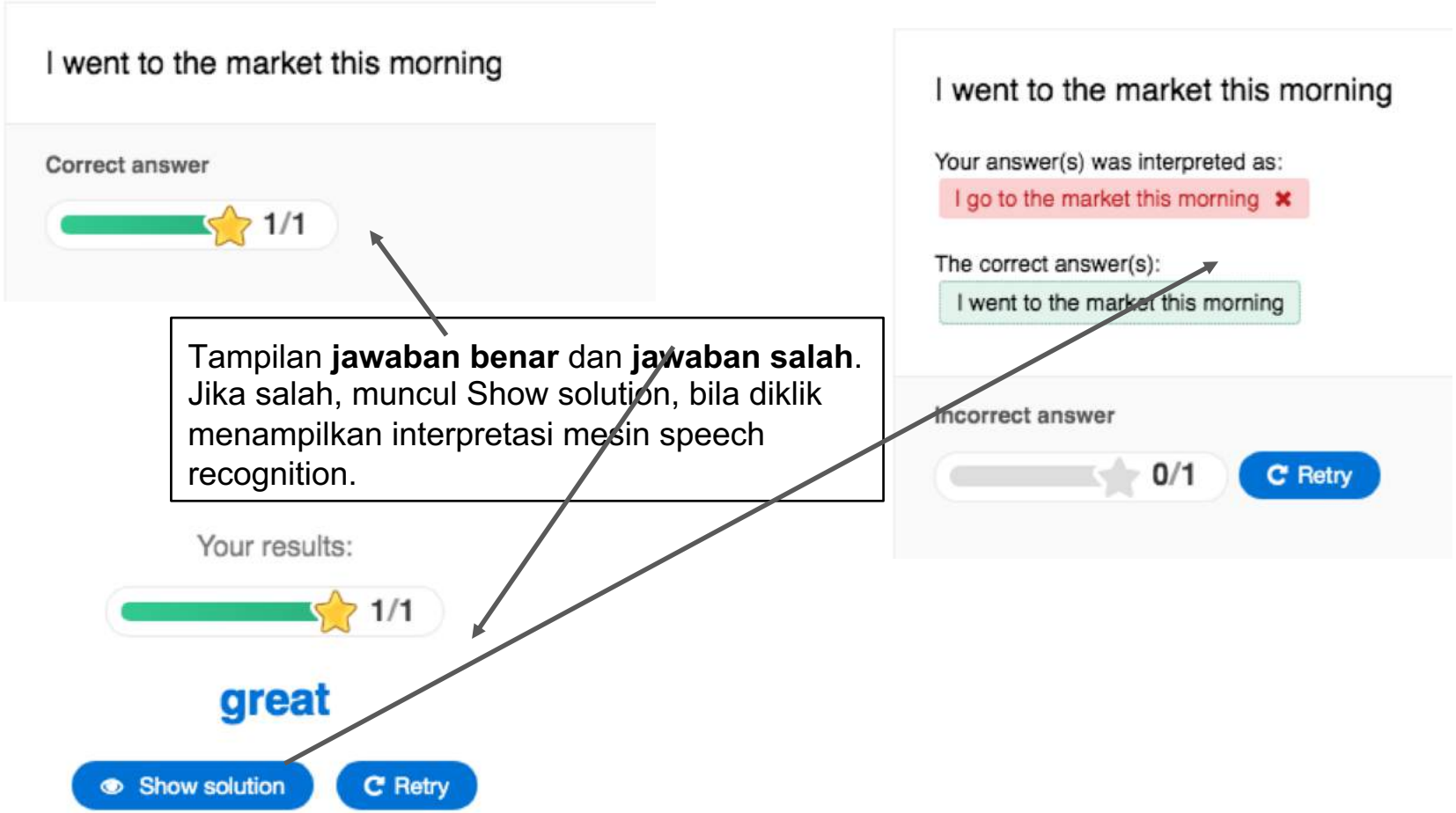
I went to the market this morn

Listening...

Reading Alou

g/node/567149?feed_me=n

Indikator lingakaran kecil merah pada tab tanda sedang merekam, saatnya untuk merekam voice.


I went to the market this morning
Correct answer
1/1
I went to the market this morning
Your answer(s) was interpreted as:
I go to the market this morning
The correct answer(s):
I went to the market this morning
Incorrect answer
0/1
Retry
Tampilan **jawaban benar** dan **jawaban salah**. Jika salah, muncul Show solution, bila diklik menampilkan interpretasi mesin speech recognition.
Your results:
1/1
great
Show solution
Retry

6

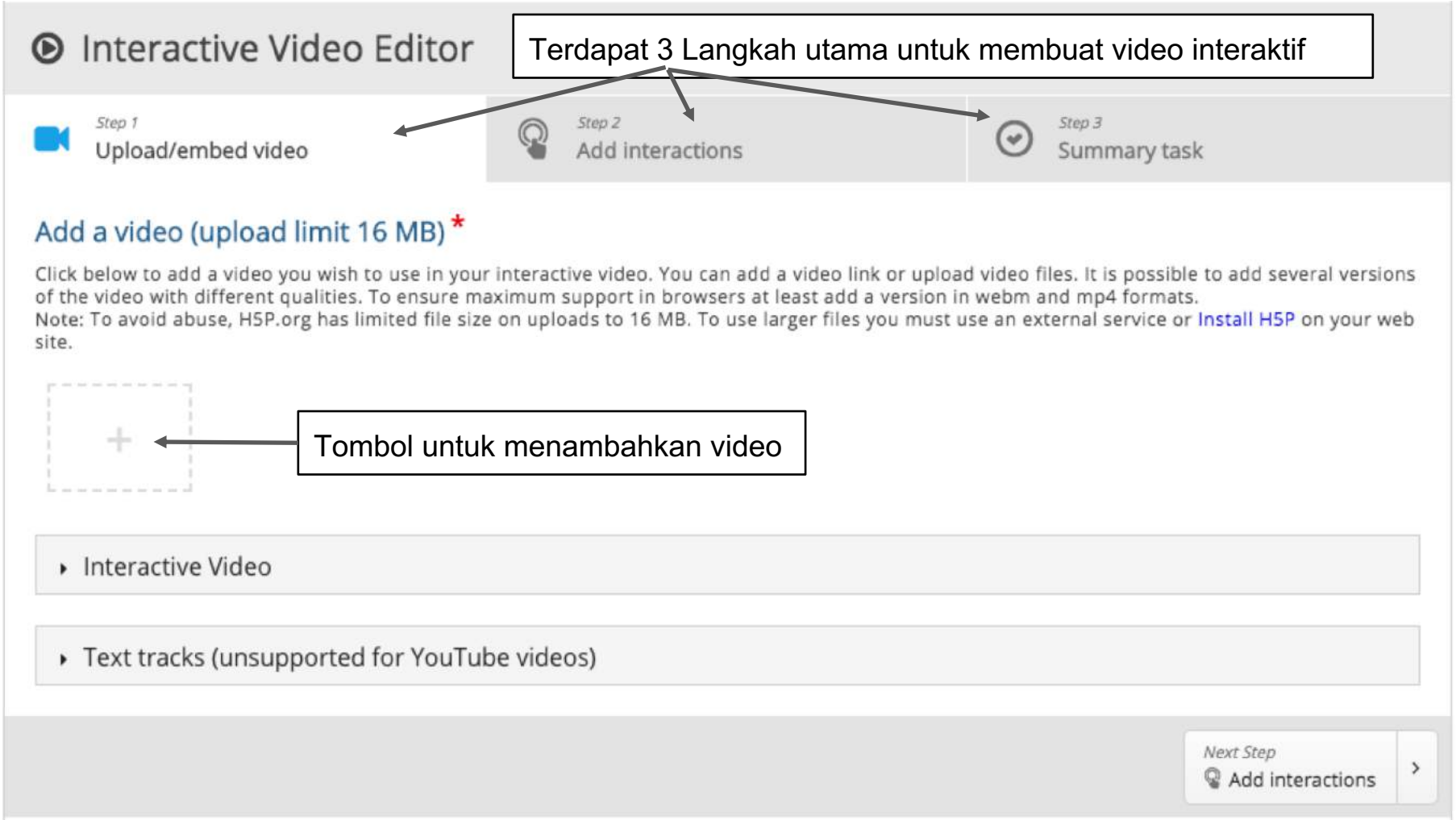
Memasukkan berbagai model interaksi kedalam video.

Merupakan media penggabungan berbagai macam interaksi spesifik (drag and drop, quiz, fill the blanks, dll)

Interactive Video

Create videos enriched with interactions

YouTube


Interactive Video Editor
Terdapat 3 Langkah utama untuk membuat video interaktif
Step 1
Upload/embed video
Step 2
Add interactions
Step 3
Summary task
Add a video (upload limit 16 MB) *
Click below to add a video you wish to use in your interactive video. You can add a video link or upload video files. It is possible to add several versions of the video with different qualities. To ensure maximum support in browsers at least add a version in webm and mp4 formats.
Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger files you must use an external service or Install H5P on your web site.
Tombol untuk menambahkan video
Interactive Video
Text tracks (unsupported for YouTube videos)
Next Step
Add interactions

Interactive Video

The title of this interactive video *

Used in summaries, statistics etc.

Interactive Video

Hide title on video start screen

Short description (Optional)

Optional. Display a short description text on the video start screen. Does not work for YouTube videos.

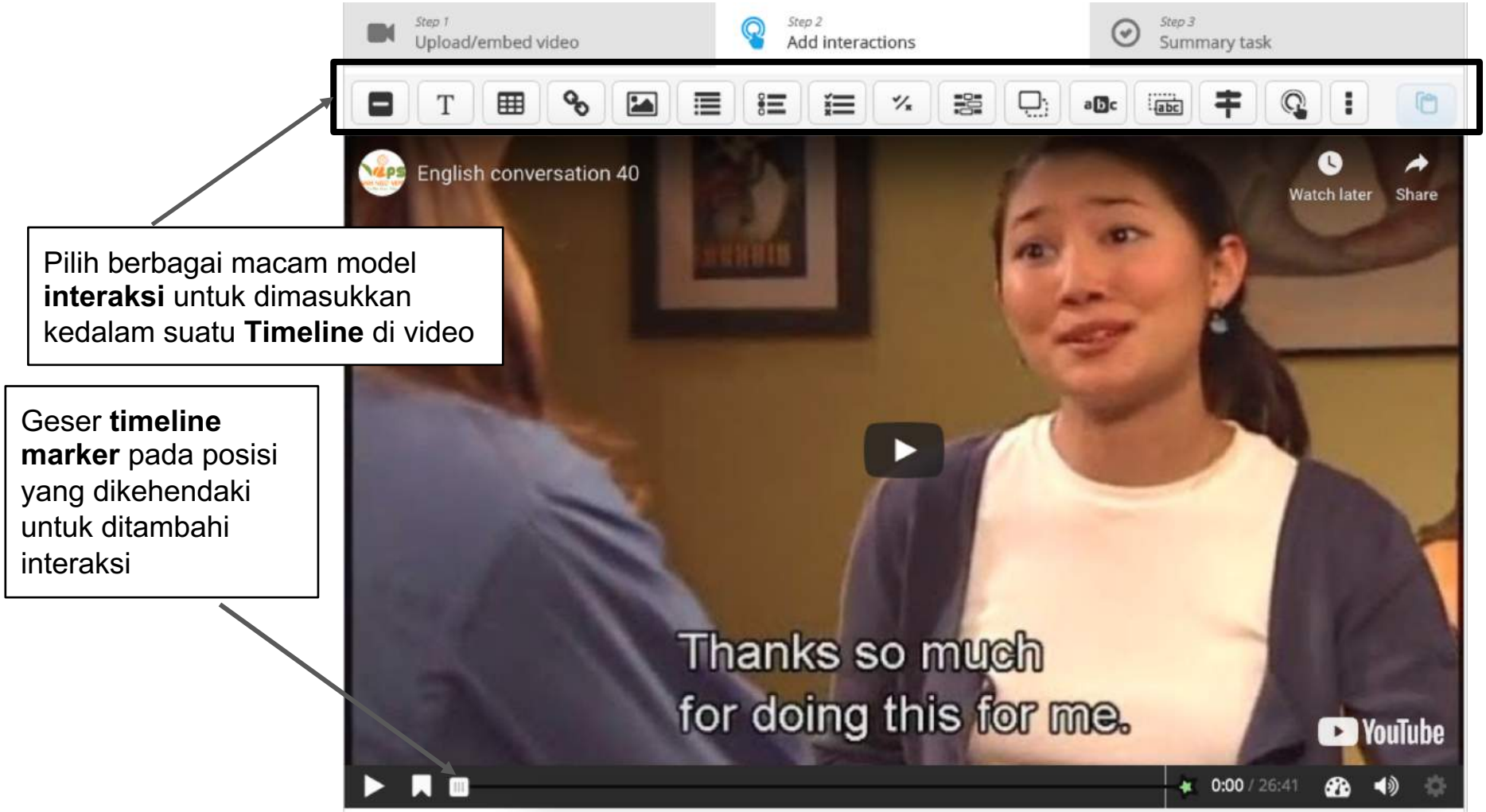
Poster image

Image displayed before the user launches the video. Does not work for YouTube Videos.
Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger images you must Install H5P on your web site.

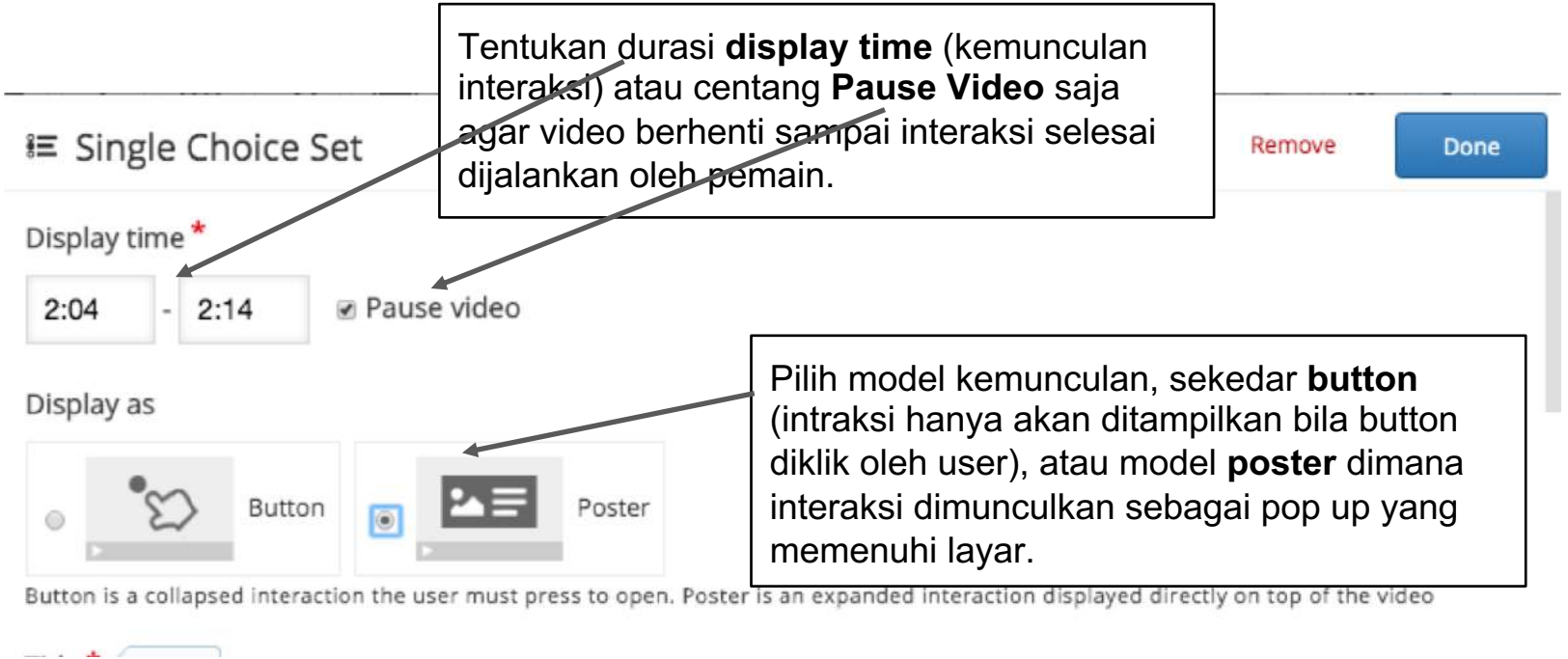
Add

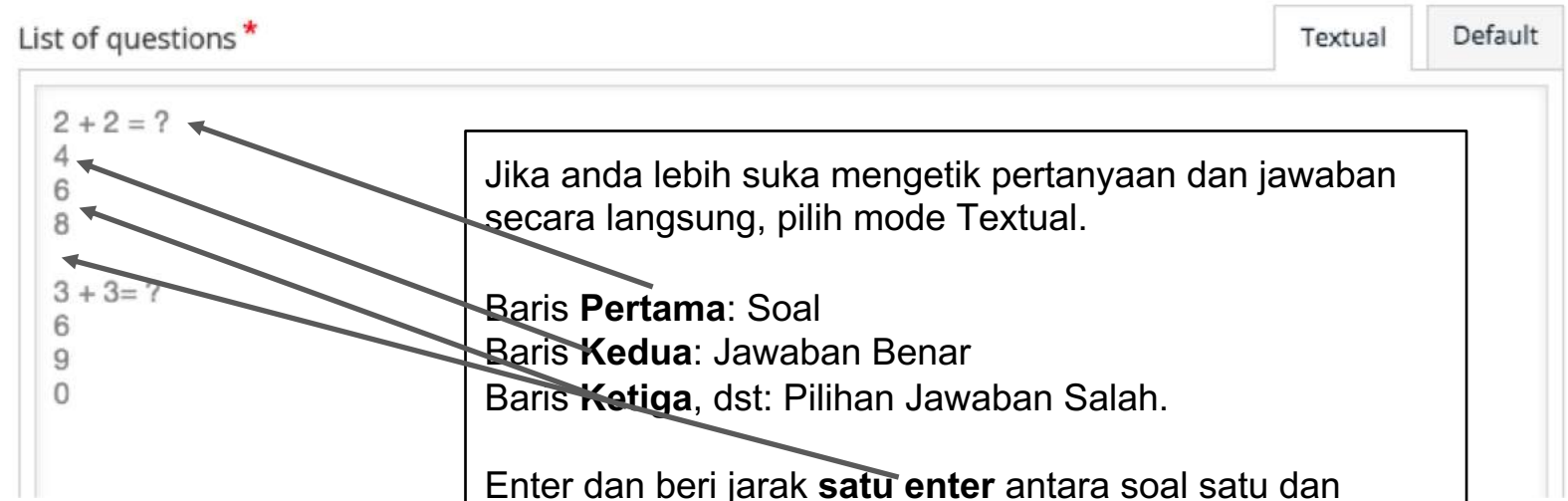
Tambahkan video dari **komputer/laptop** atau dari **Youtube** (copas link dari youtube)

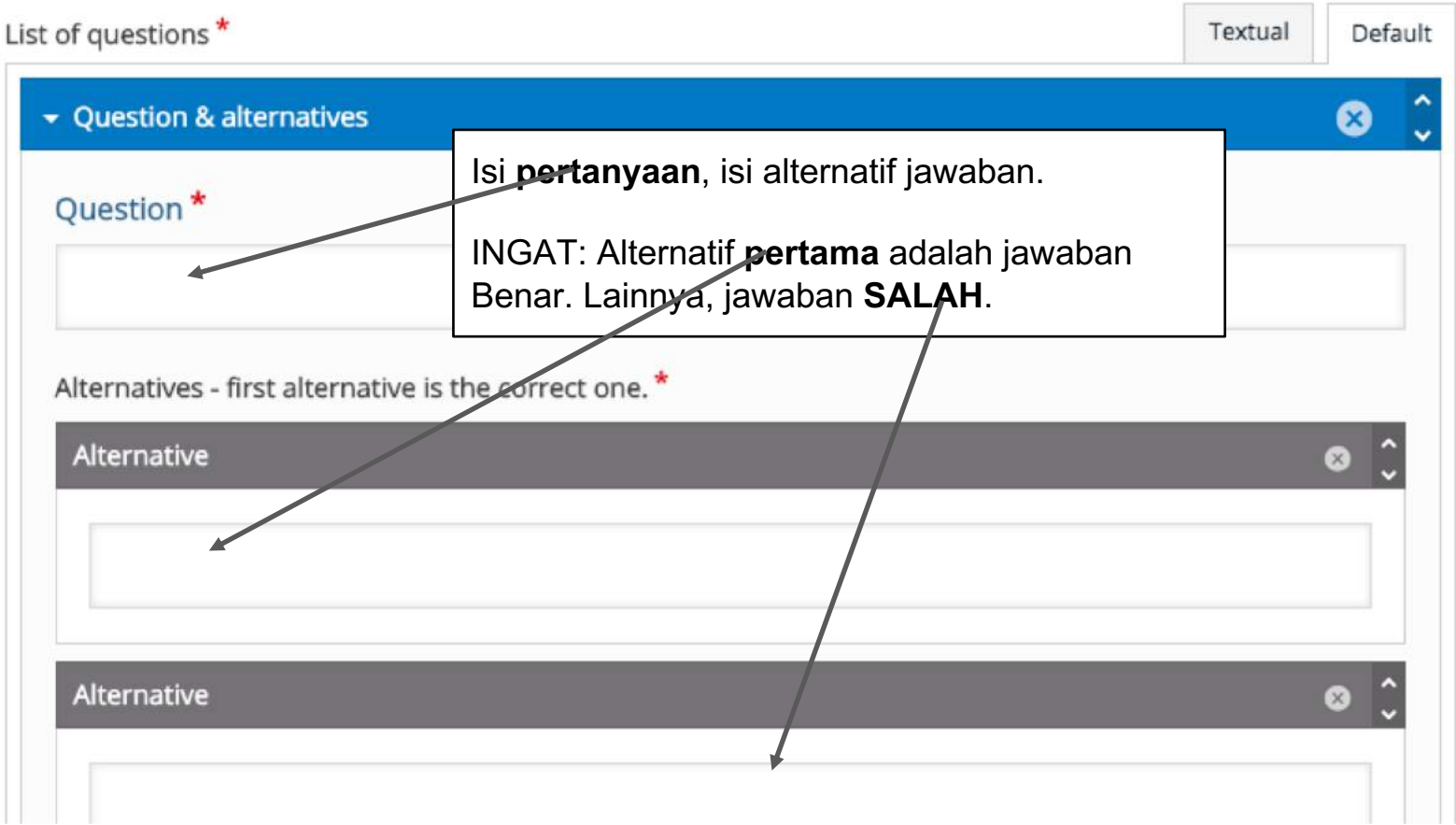
Setelah memilih video dari komputer ataupun dari youtube, klik **insert**


Step 1
Upload/embed video
Step 2
Add interactions
Step 3
Summary task
English conversation 40
Watch later
Share
Thanks so much
for doing this for me.
YouTube
0:00 / 26:41
Pilih berbagai macam model **interaksi** untuk dimasukkan kedalam suatu **Timeline** di video
Geser **timeline marker** pada posisi yang dikehendaki untuk ditambahi interaksi

Use Case: Menambahkan Single Choice Set kedalam video.

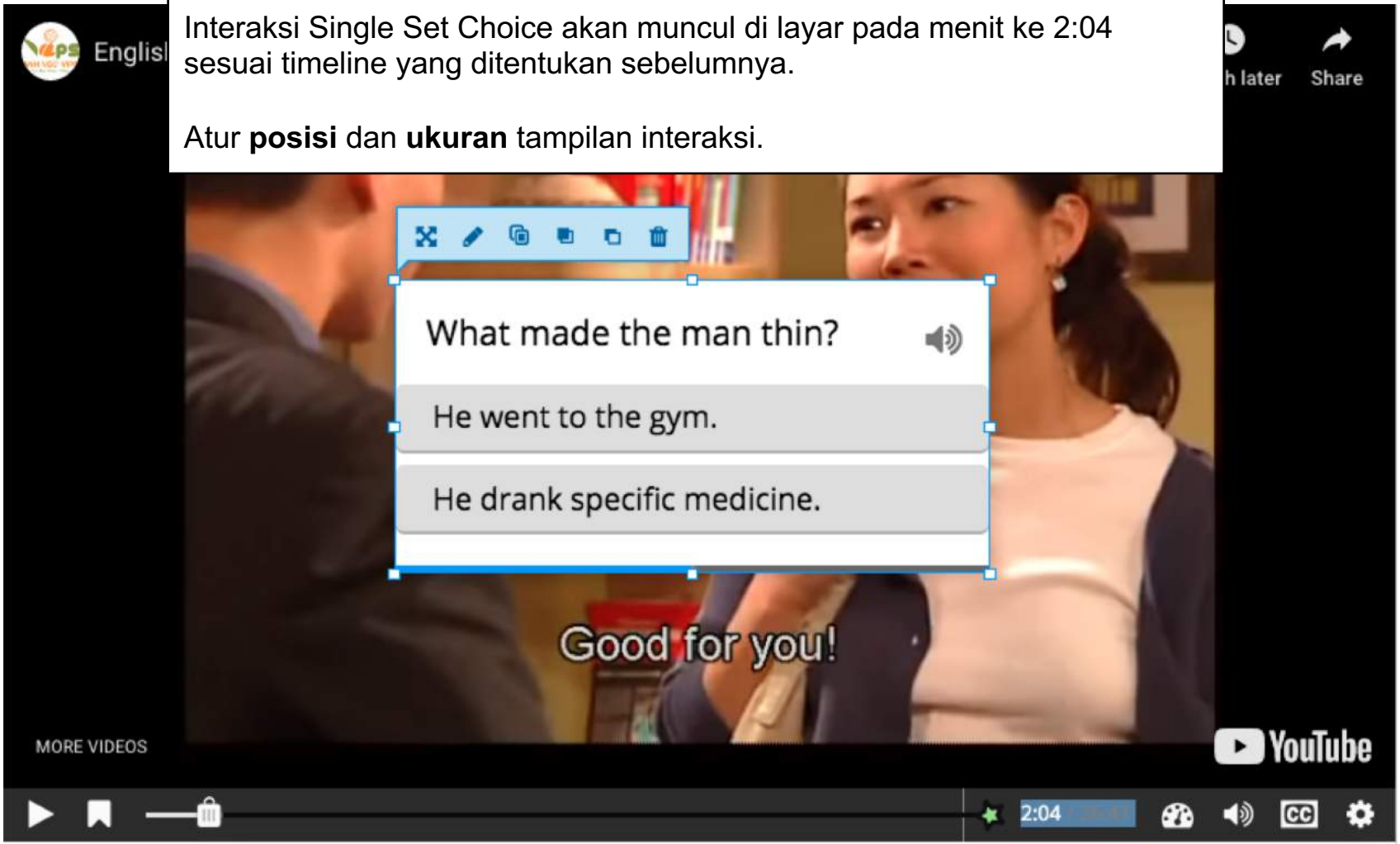


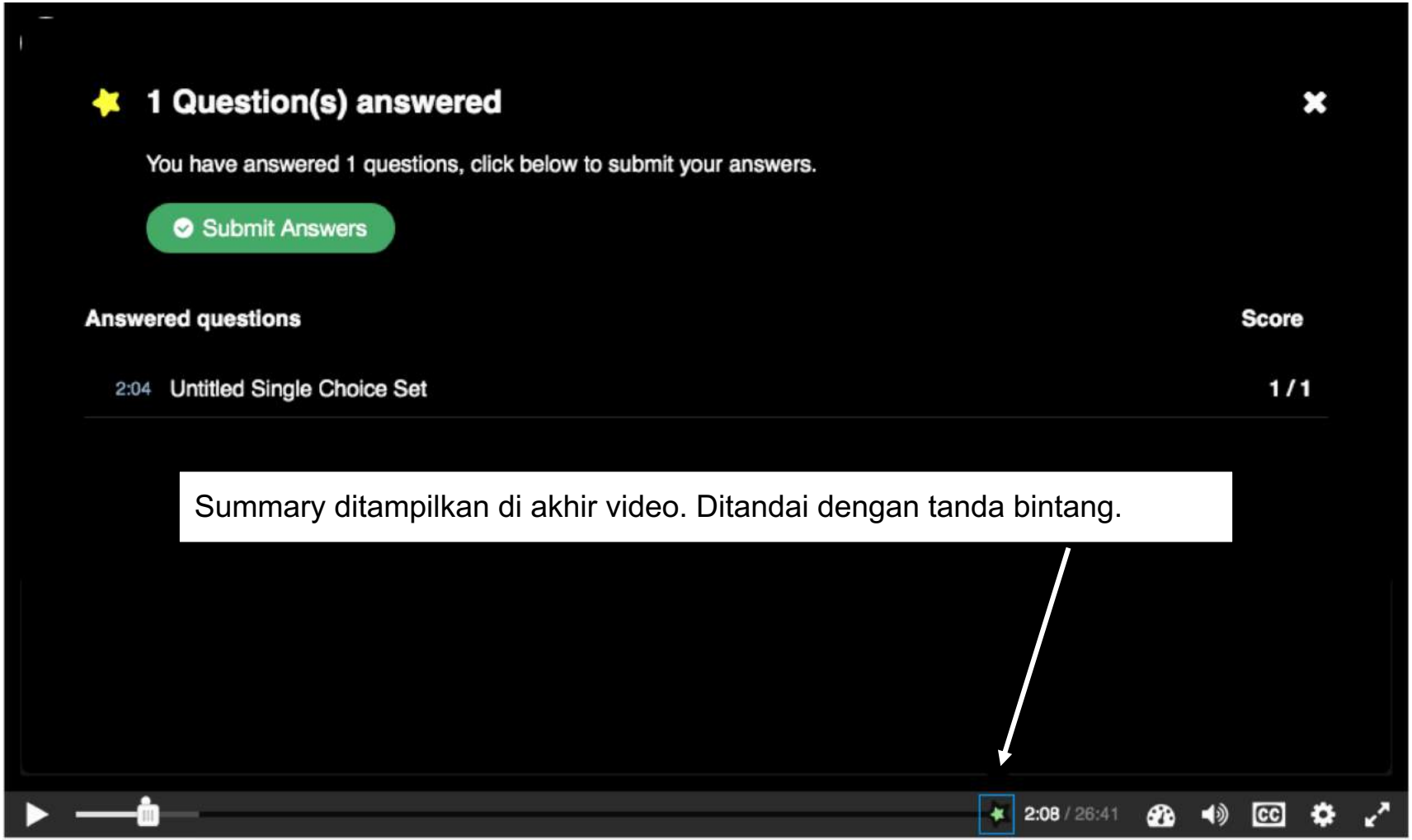

List of questions *
Textual
Default
2 + 2 = ?
4
6
8
3 + 3= ?
6
9
0
Jika anda lebih suka mengetik pertanyaan dan jawaban secara langsung, pilih mode Textual.
Baris **Pertama**: Soal
Baris **Kedua**: Jawaban Benar
Baris **Ketiga**, dst: Pilihan Jawaban Salah.
Enter dan beri jarak **satu enter** antara soal satu dan lainnya.


List of questions *
Textual
Default
Question & alternatives
Isi **pertanyaan**, isi alternatif jawaban.
INGAT: Alternatif **pertama** adalah jawaban Benar. Lainnya, jawaban **SALAH**.
Question *
Alternatives - first alternative is the correct one. *
Alternative
Alternative

Interaksi Single Set Choice akan muncul di layar pada menit ke 2:04 sesuai timeline yang ditentukan sebelumnya.

Atur **posisi** dan **ukuran** tampilan interaksi.




1 Question(s) answered
You have answered 1 questions, click below to submit your answers.
Submit Answers
Answered questions
Score
2:04 Untitled Single Choice Set
1 / 1
Summary ditampilkan di akhir video. Ditandai dengan tanda bintang.
2:08 / 26:41
CC

Menonton Video tidak lagi sekedar menonton video, tetapi menjadi lebih efektif dan efisien dalam menyampaikan pembelajaran.

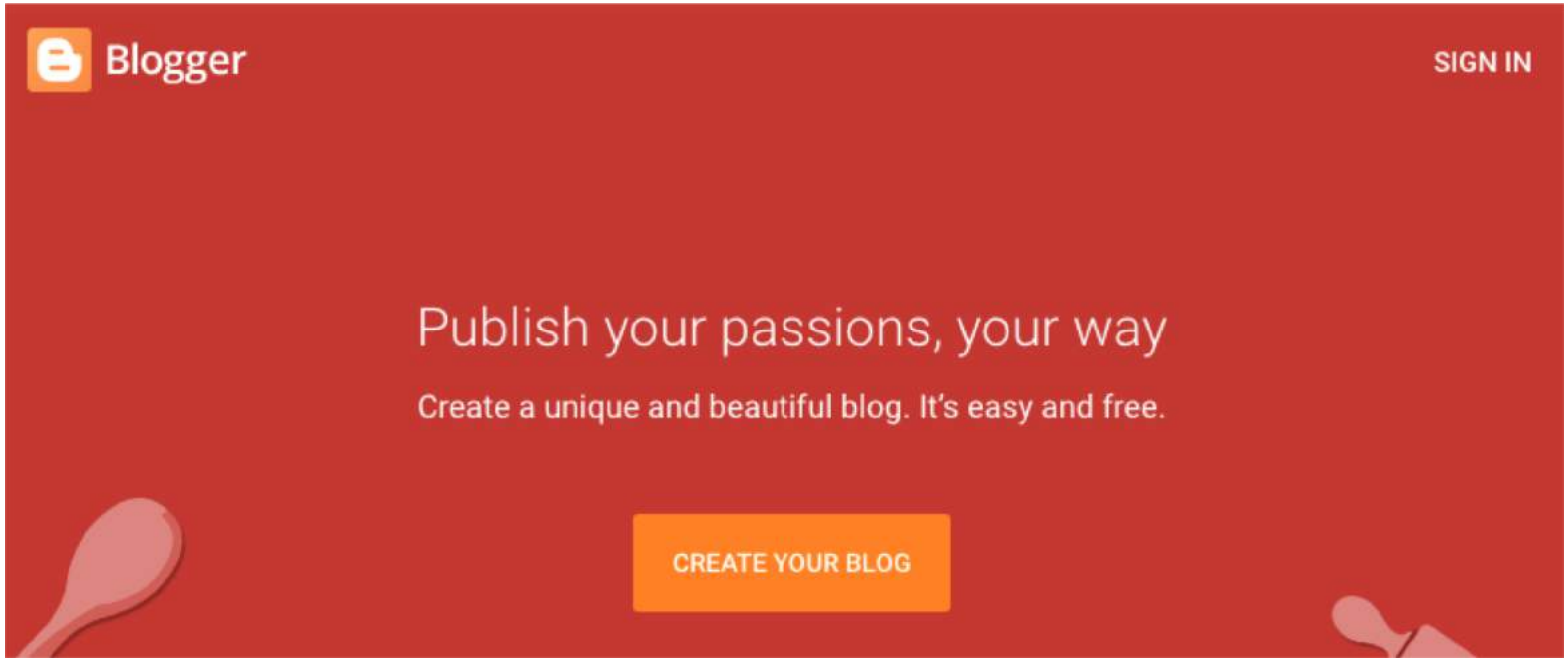
DAY 2.

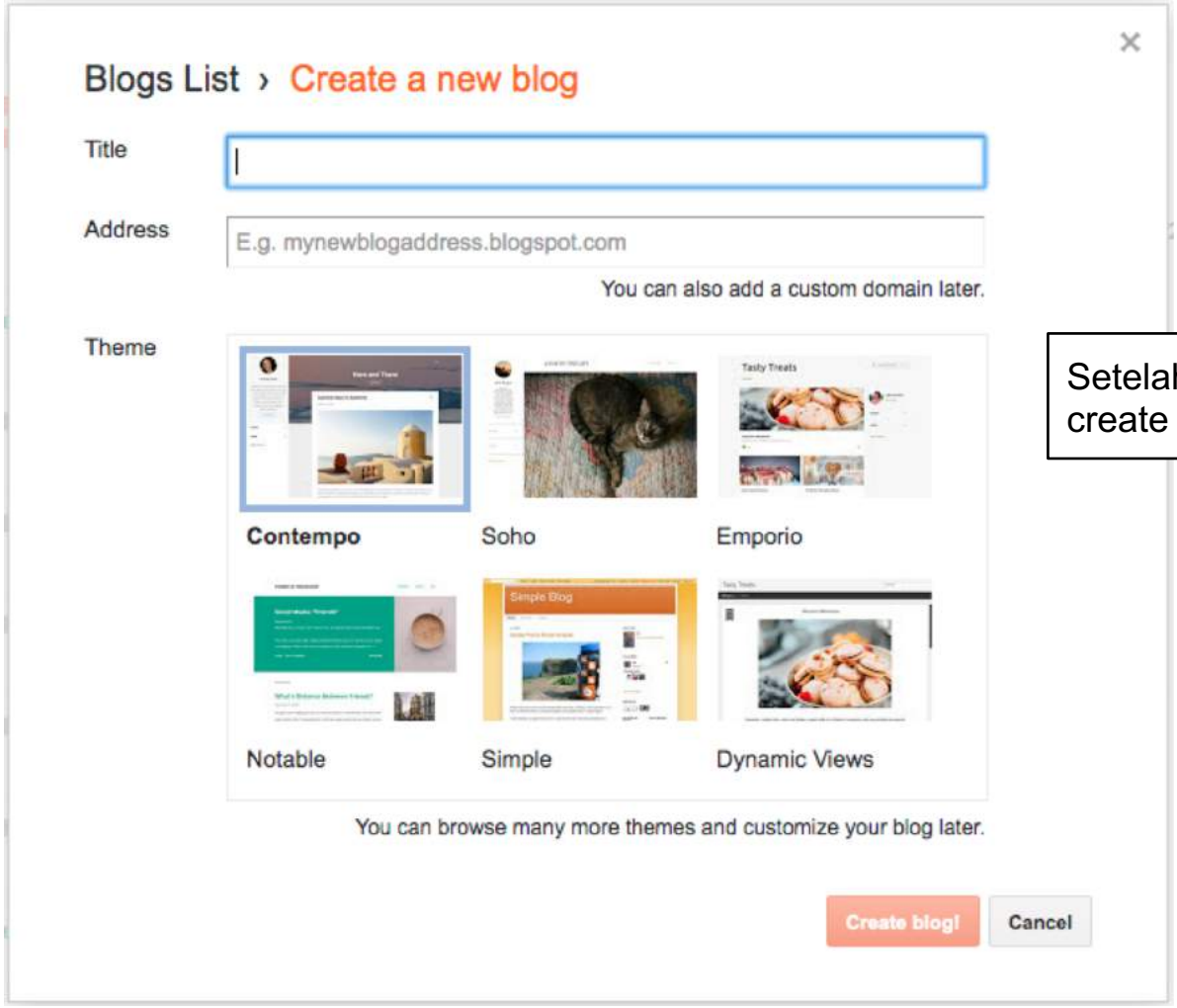
Target:
Menguasai cara menggunakan fitur-fitur interaktif H5P

Blogger kita gunakan untuk menyajikan konten interaktif dari H5P. Target kegiatan:

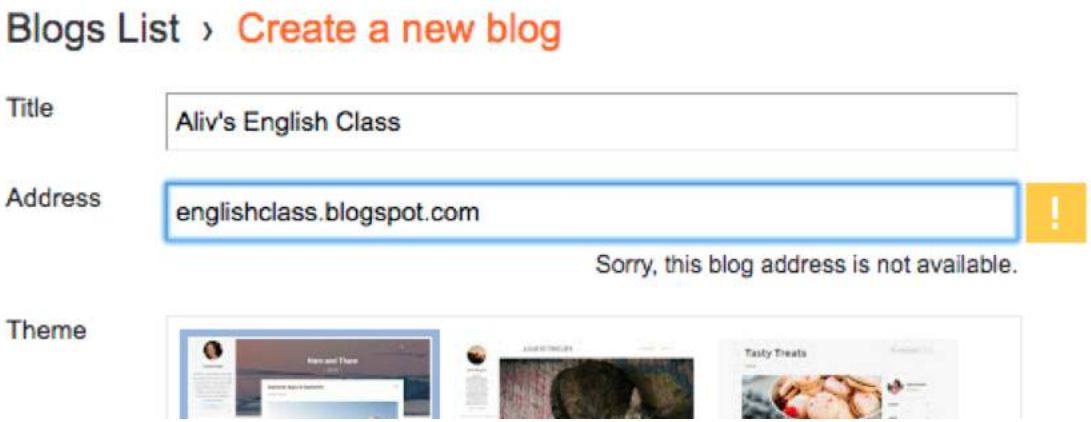
1. Membuat alamat blogger
2. Memilih Theme
3. Membuat Halaman About
4. Membuat Top Menu
5. Membuat Post
6. Menampilkan Konten H5P kedalam post

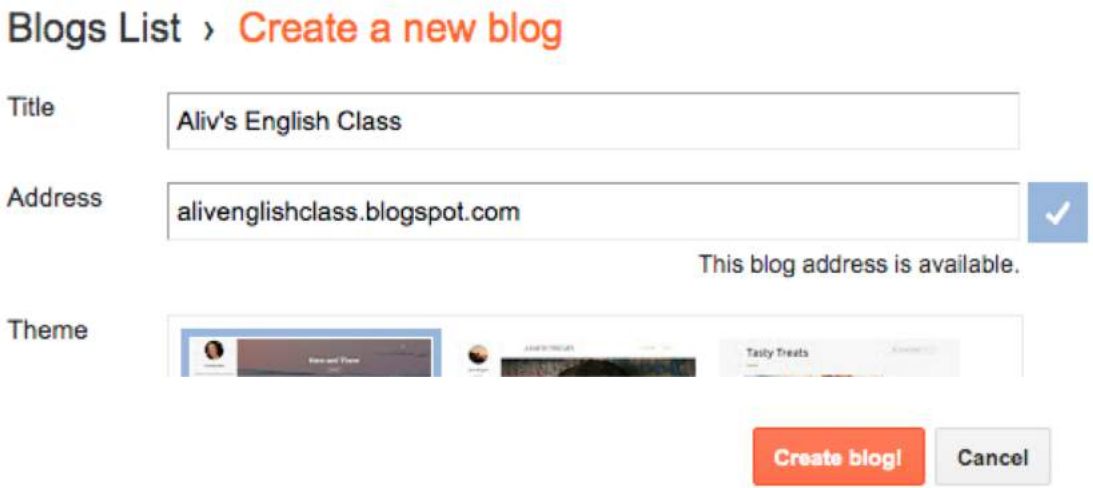
blogger.com → login dengan akun gmail.





Setelah login akan diarahkan ke jendela create blog. Isi title, address, dan theme.



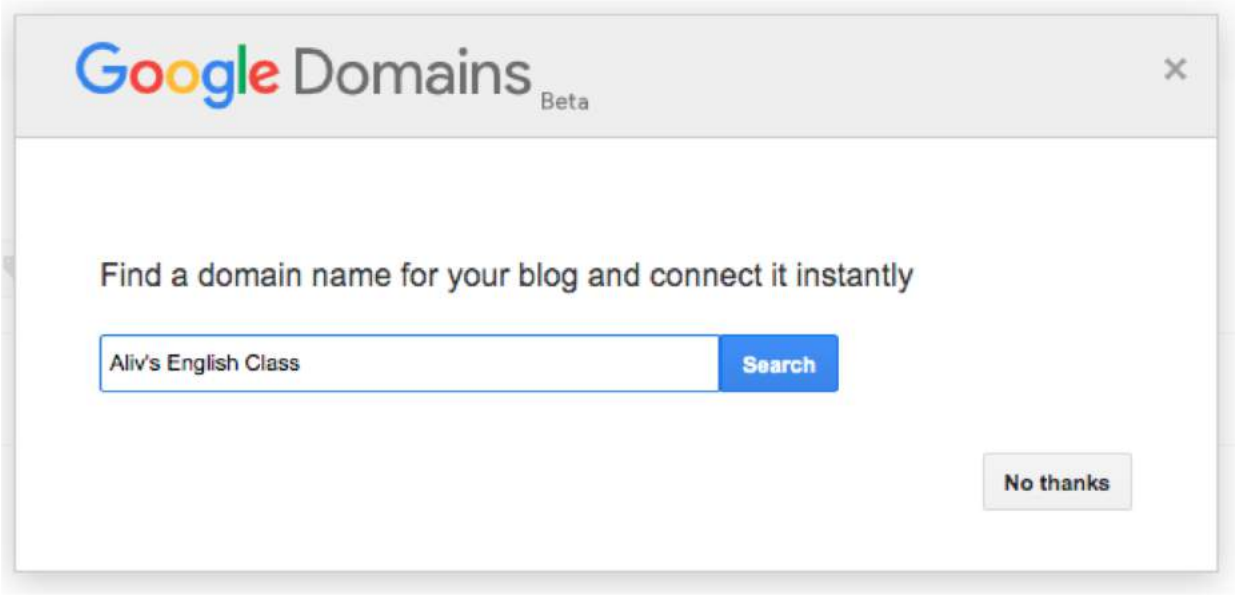


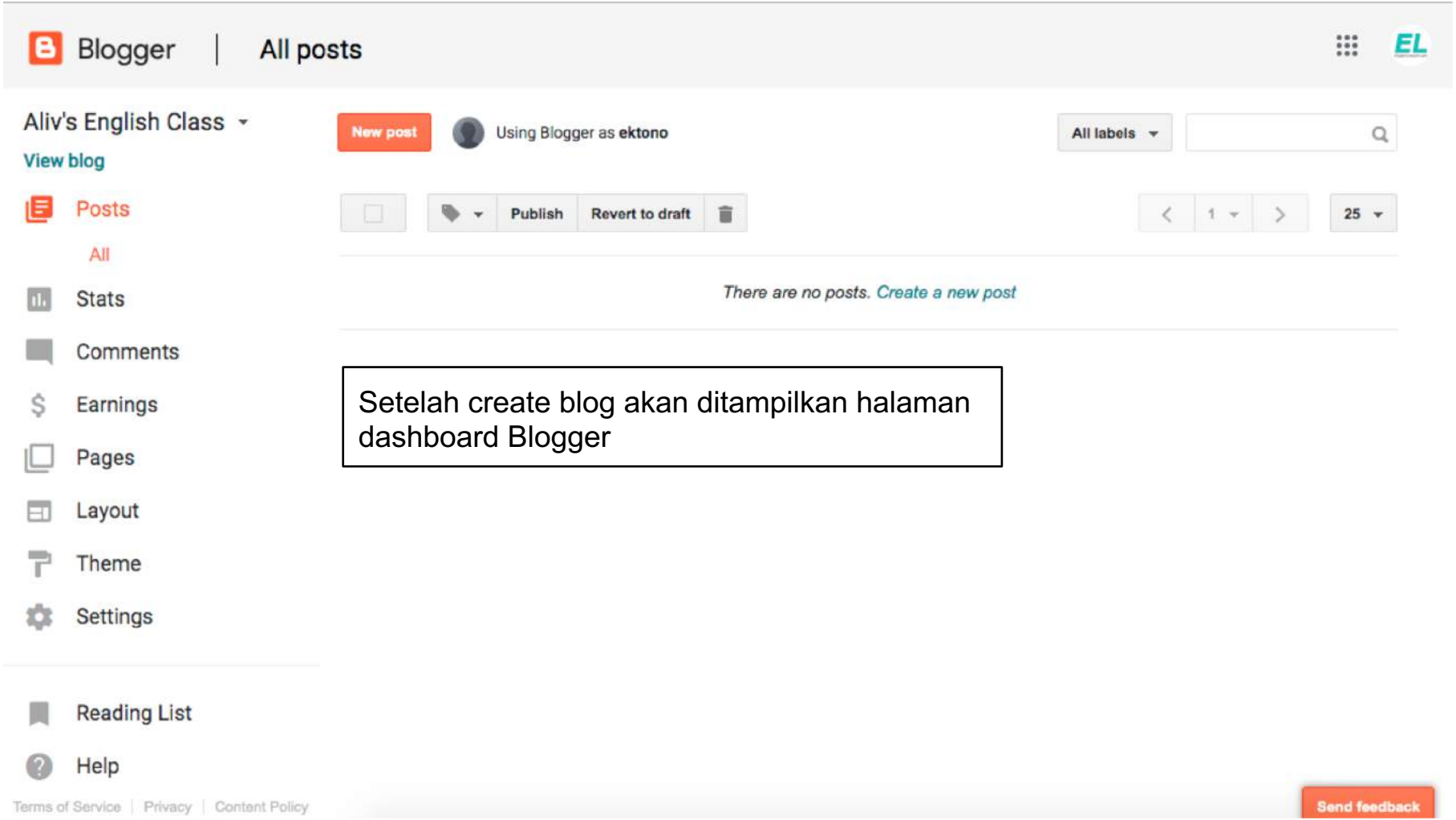
Address harus unik. Jika sudah terpakai oleh orang lain, maka akan muncul Sorry.

Coba alternatif lainnya sampai Available.

Setelah itu klik create blog.

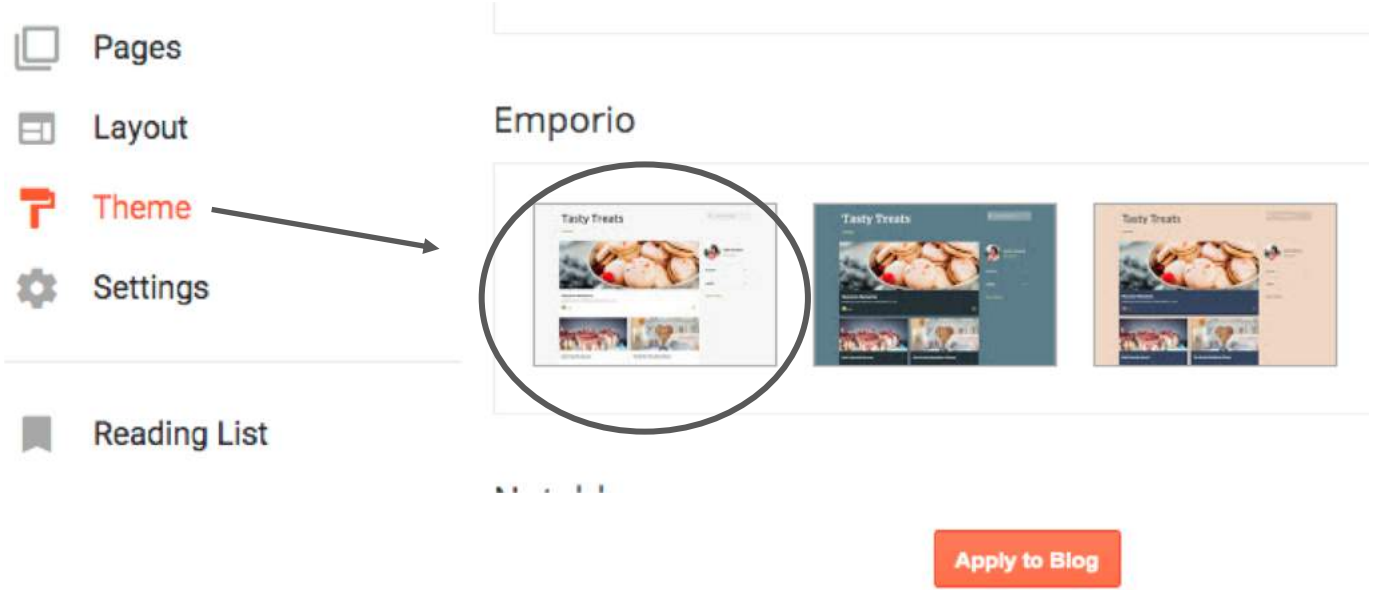
Google akan menawari domain name. Pilih **No thanks**



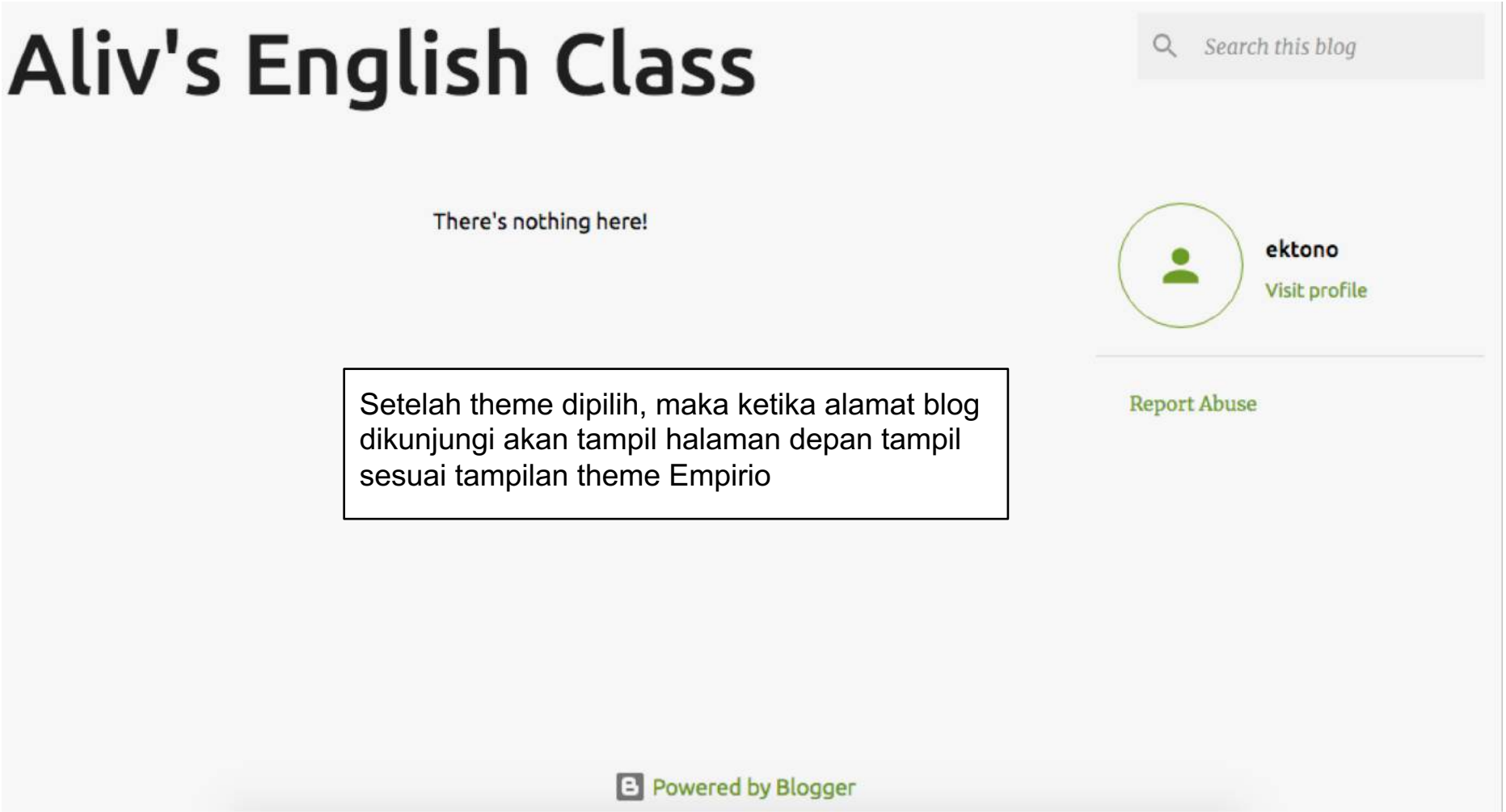


Setelah create blog akan ditampilkan halaman dashboard Blogger

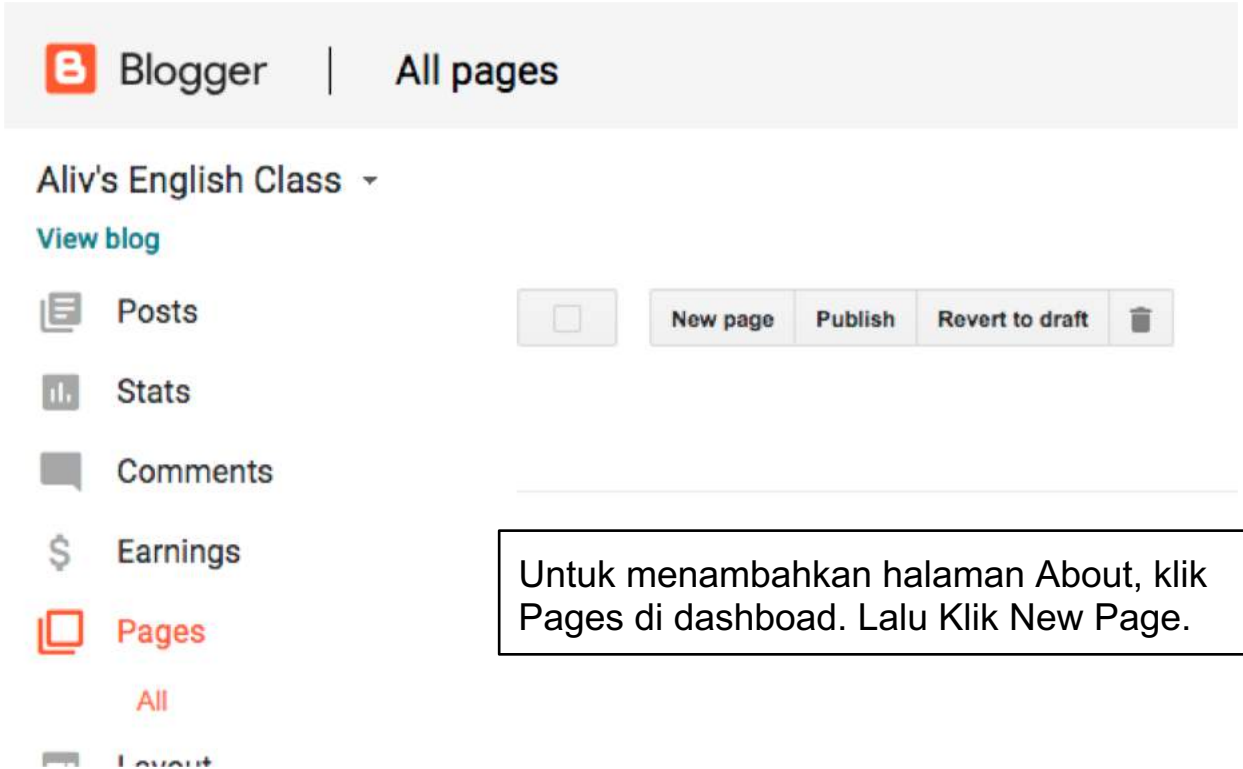
Pilih Theme. → pilih Emporio



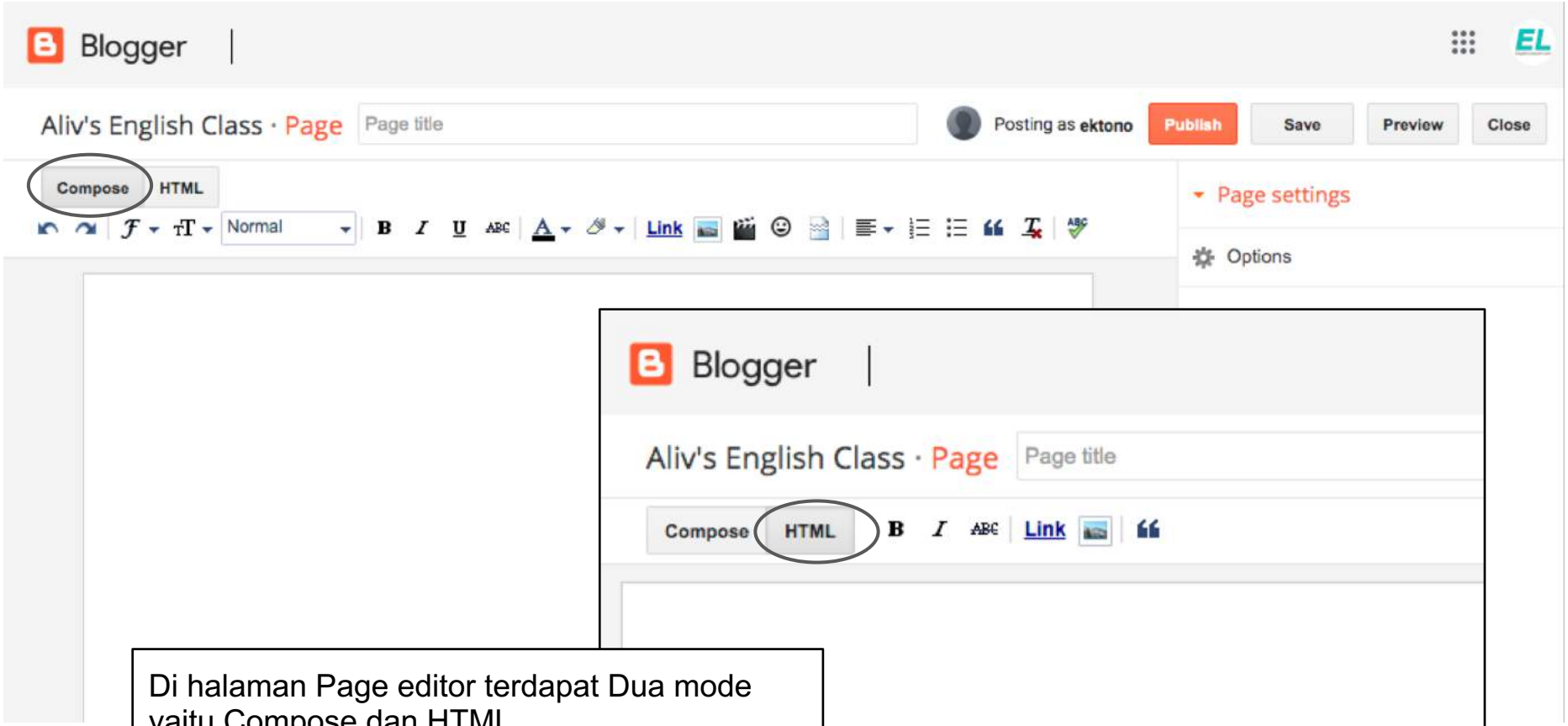
Pilih theme Empirio, lalu klik Apply to Blog


Aliv's English Class
Search this blog
There's nothing here!
ektono
Visit profile
Report Abuse
Setelah theme dipilih, maka ketika alamat blog dikunjungi akan tampil halaman depan tampil sesuai tampilan theme Empirio
Powered by Blogger

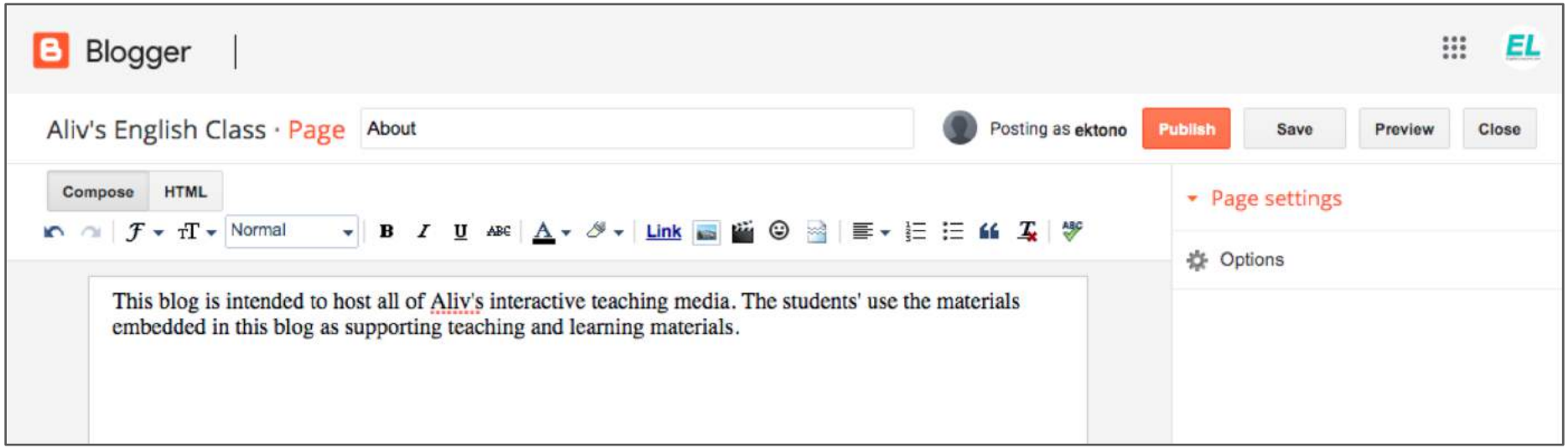
Menambahkan Halaman About



Untuk menambahkan halaman About, klik Pages di dashboad. Lalu Klik New Page.



Di halaman Page editor terdapat Dua mode yaitu Compose dan HTML.



Isi judul.
Pilih Mode Compose.
Lalu isi deskripsi halaman About pada text field.

Aliv's English Class

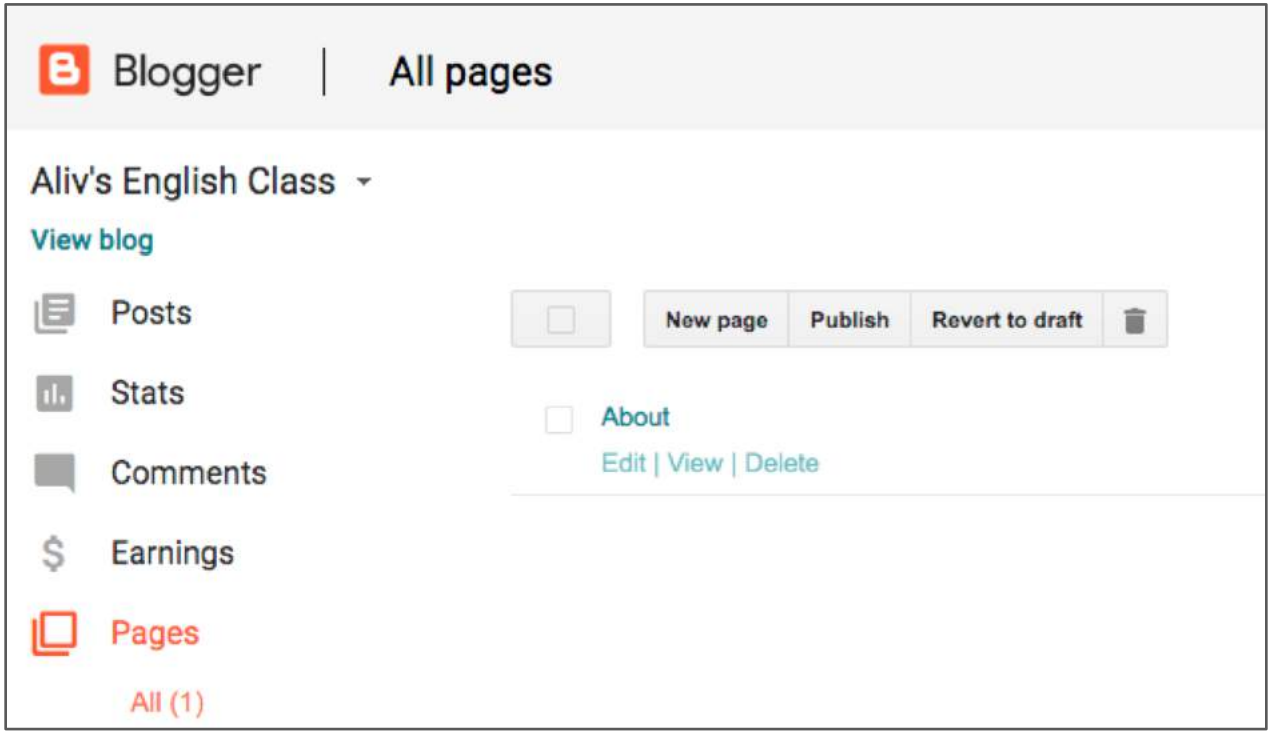
Preview

About

Klik Preview untuk melihat halaman preview sebelum dipublish.

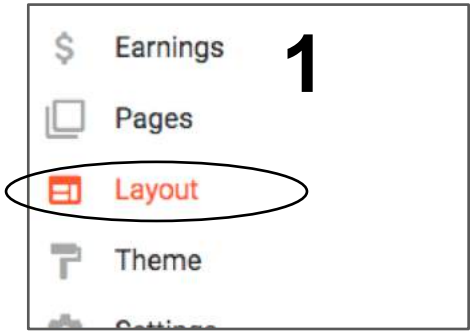
This blog is intended to host all of Aliv's interactive teaching media. The students' use the materials embedded in this blog as supporting teaching and learning materials.

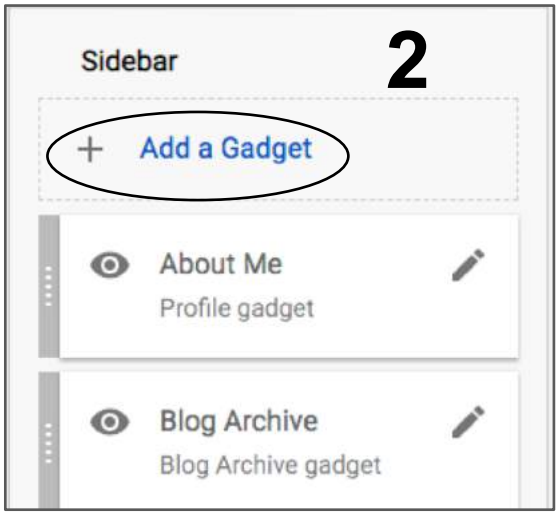
Enter your comment...

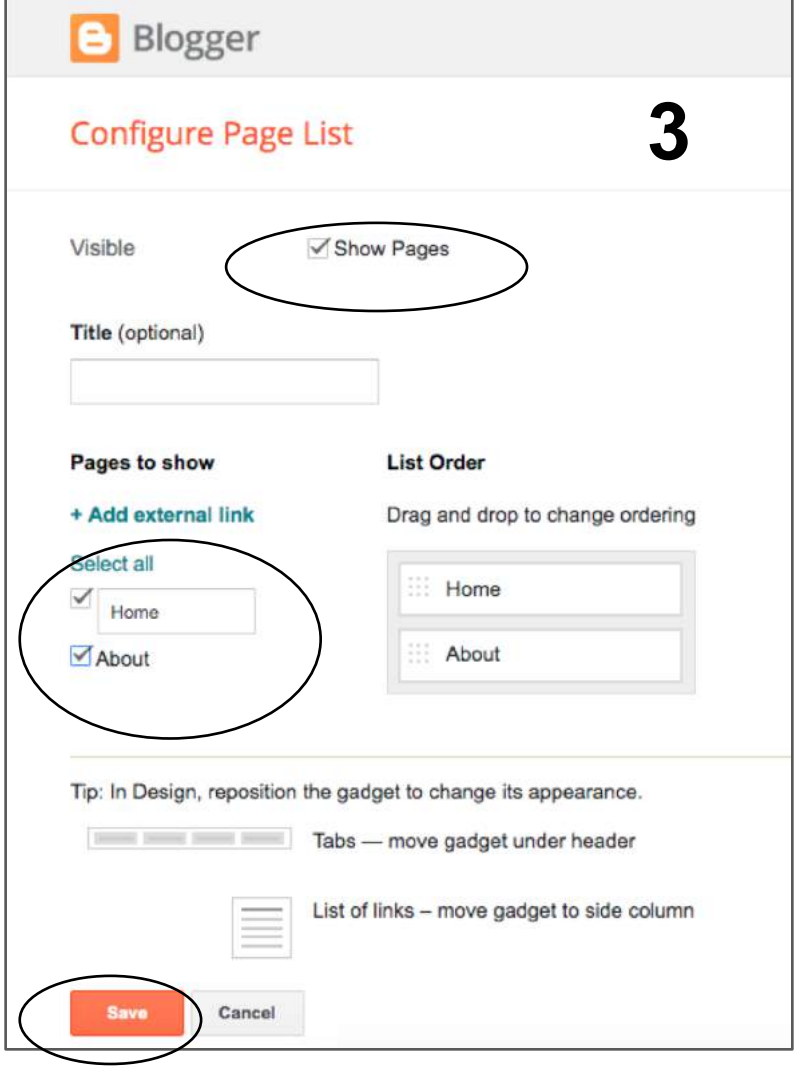


Setelah dipublish, halaman about muncul di list page. Bisa diedit, Lihat, dan delete.

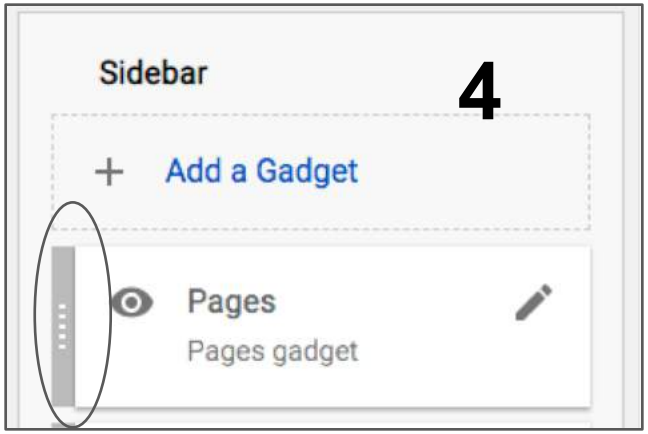
Menambahkan Menu

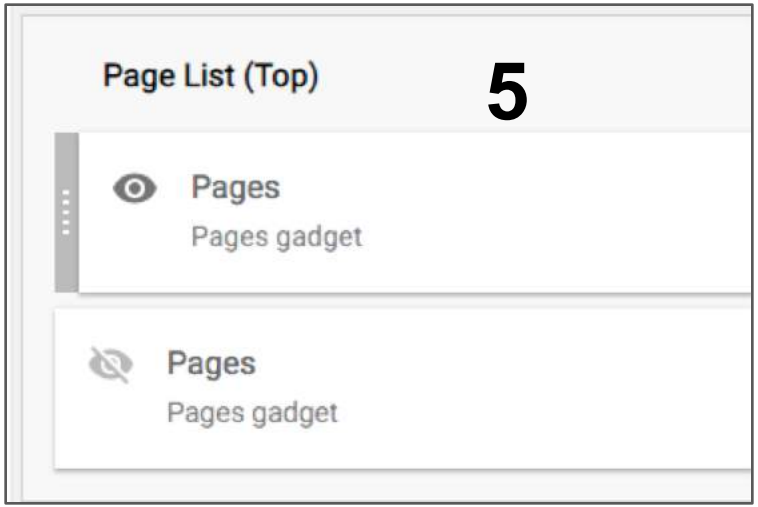




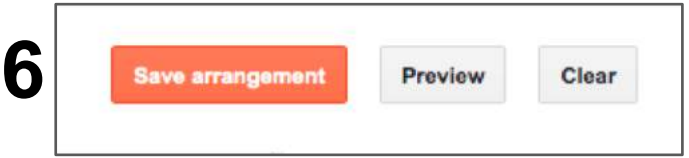


Langkah berikutnya adalah menambahkan menu link ke halaman home, about, atau halaman lainnya. 1. Buka menu layout. 2. Di sisi kanan akan muncul kolom sidebar, klik Add a Gadget. 3. Muncul configure page list, centang show pages, home, about, lalu klik save.



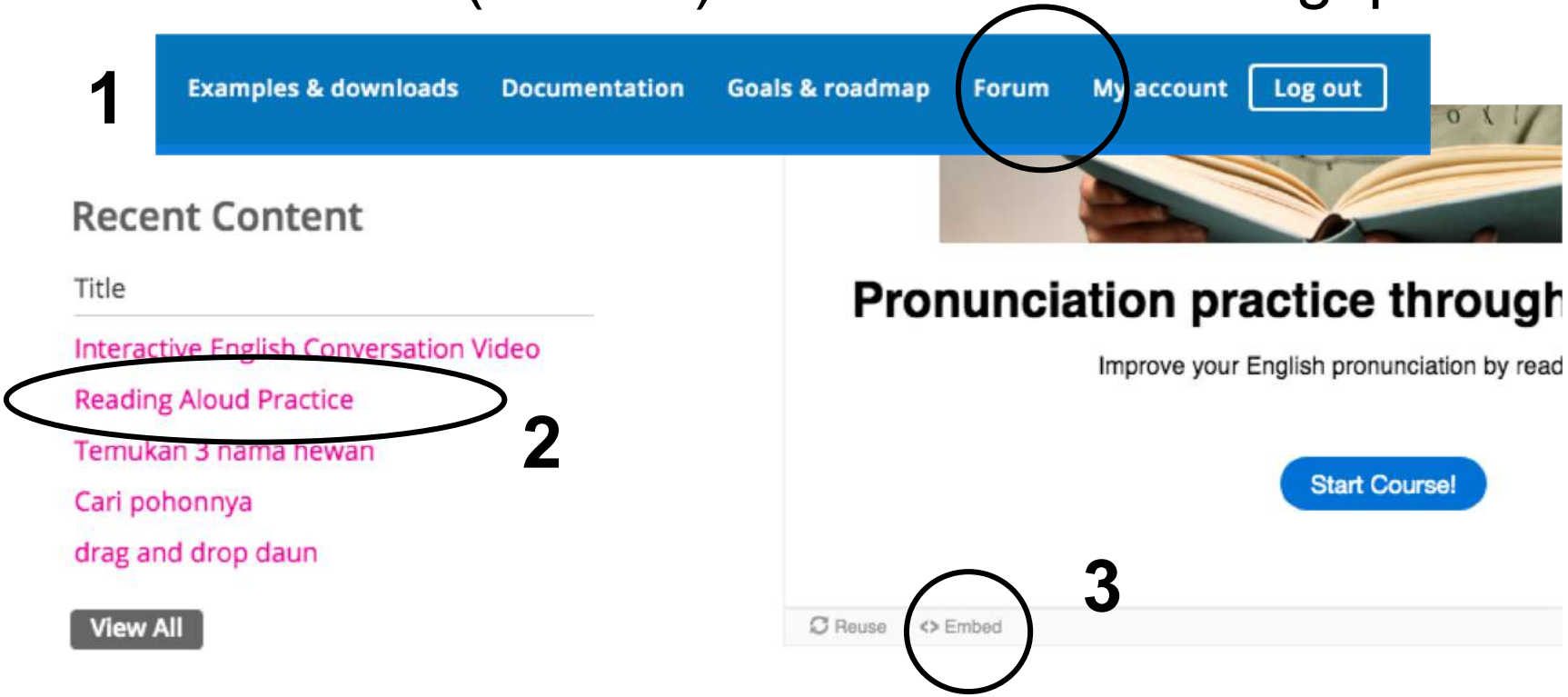


4. Widget **Pages** yang baru saja dibuat akan muncul di kolom **sidebar**. Klik tahan pada kolom **bergerigi** sampai kursor berubah **ikon drag**, klik tahan dan drag pindahkan (5) widget pages ke kolom **Page List** (Top). Berikutnya klik save arrangement (6).



Menu Pages yang dibuat sudah muncul di halaman depan dibawah header.

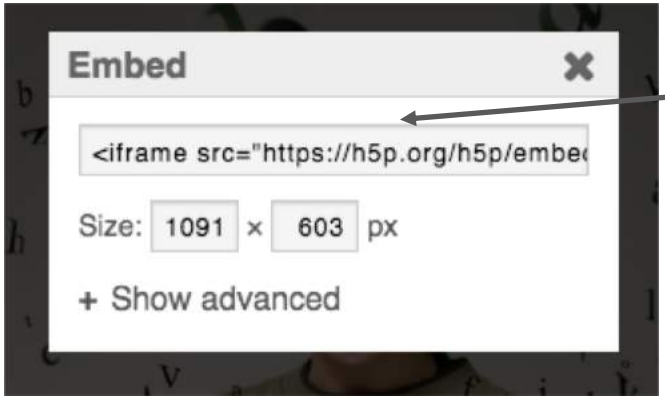
Memasukkan (embed) konten H5P ke Blogspot



1. Login ke H5P, Click menu **My Account**. 2. Klik salah satu konten interaktif yang telah dibuat.
3. Tampil konten interaktif. Klik <> **Embed** di bagian bawah.

allow="microphone"

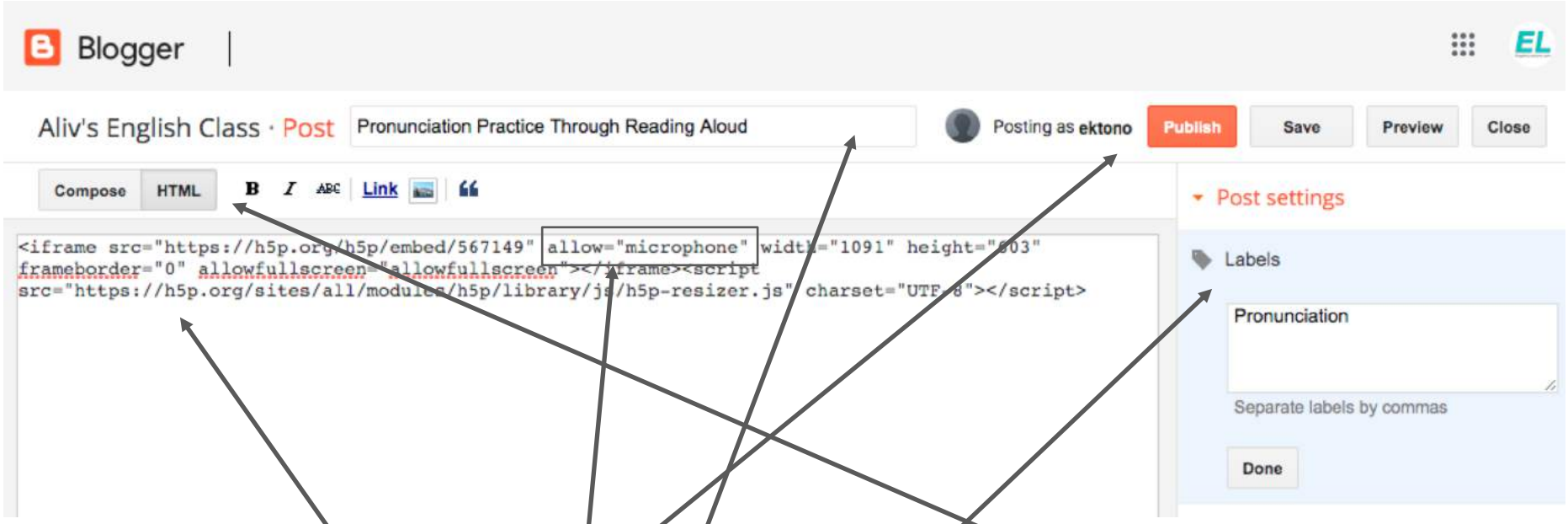
Copy script embed konten h5p



Klik dan copy script iframe embed konten h5p terpilih

Membuat Post di Blogspot untuk untuk dimasuki konten h5p

Sebelum memasukkan script embed dari h5p, buat dulu post di blogger. Klik menu **Posts** di dashboard blogger sebelah kiri. Lalu klik **New post**.



Halaman Post Editor akan muncul. (1) Isi **judul post**. (2) Klik **Labels** lalu isi sebagai kategori, misal “Pronunciation”. (3) Pastikan anda dalam mode edit **HTML**, jika belum, klik tab **HTML**. (4) Buka kembali konten h5p anda, lalu **copy script embed** lalu (5) paste ke **post editor field**.

PENTING: tambahkan script allow="microphone" kedalam script pada posisi seperti pada gambar (sebelum script **width**). Hal ini agar h5p bisa request ke chrome untuk mengaktifkan mic.

Setelah itu klik **Publish**

Setelah dipublish, akan muncul post yang telah dibuat di dalam list. Klik **View** untuk melihat hasilnya di halaman depan. Maka akan tampil konten h5p yang telah diembed kedalam post.

Ikuti Langkah yang sama untuk semua konten h5p lainnya. Bisa dimasukkan kedalam post yang sama yaitu dengan menaruh script berikutnya tepat dibawah script sebelumnya, atau kedalam post lainnya melalui new post.

Pertanyaan teknis lainnya dapat ditanyakan pada saat workshop.

Terimakasih