Make a Mobile First approach!

Exercise 1 – Generate the Document

Upper part

Create an HTML that contains a title and a subtitle:

1. Title: Animals.
2. Subtitle: Emojis.

Content Part

The main content must have 6 articles (one for each animal).

- Article 1: Dog.
- Article 2: Dragon
- Article 3: Horse
- Article 4: Koala
- Article 5: Monkey
- Article 6: Whale

Each one with:

1. A title
2. A figure with the image and the caption

If the image is not correctly loaded or a screen reader is reading the page, “<animal> emoji” should appear.

Navigation Part

The navigation must have 4 items and when it is clicked, it must move the screen to the animal:

- Item 1: Dog
- Item 2: Koala
- Item 3: Dragon
- Item 4: Whale

Lower Part

The lower part must contain the following content:

- Hide button (enabled by default).
- A text: “Teacher: Alain Perez Riaño”
- Cancel button (disabled by default).

Exercise 2 – Styling & Media-queries

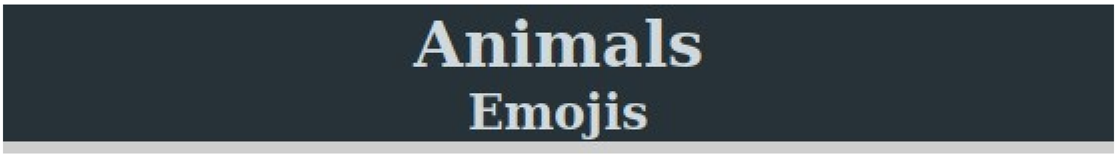
Remove all the paddings and margins **from all the elements** (and modify their box model sizing if you want).

Use CSS **variables** for colours in the entire CSS, do not use them directly:

- *dark*: #263238;
- *light*: #CFD8DC;
- *bg*: #CECECE;
- *indigo*: #304FFE;
- *teal*: #B2DFDB;

Upper part

- The text must appear centred.
- The background should be *dark.*
- The text colour should be *light*.



Animals
Emojis

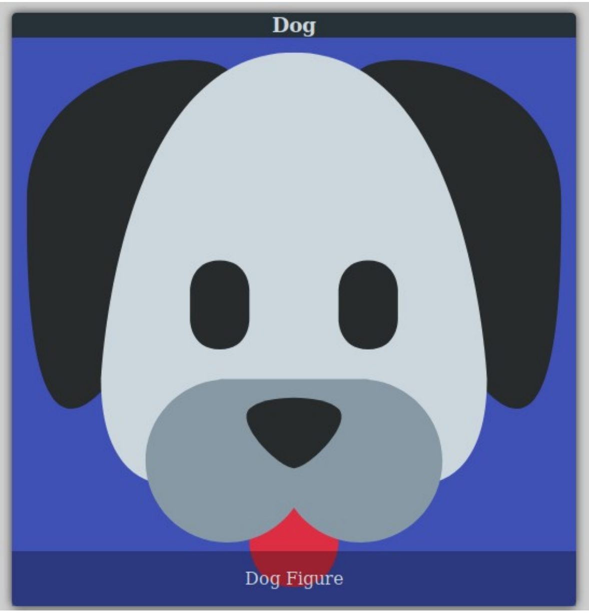
Content part

Use ***grid*** to generate the layout for the articles. The background of the grid must have *bg* color and the space between grid elements must be *the **half of the size of a root character*** (do not use pixels).

The articles must drop a **shadow** and a rounded border(with any style/size that you want). The upper part of the article must have the same colours as the page's upper part.

The figure in the article must have a *indigo* background. The caption must:

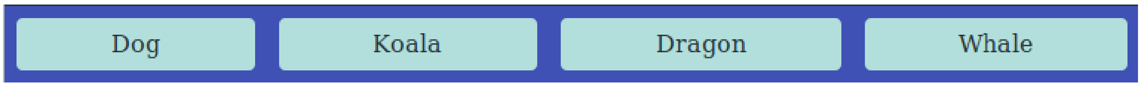
- Have a white and "semi-transparent" background.
- Appear over the bottom part of the image.
- Have a *light* colour text.



The navigation elements

The navigation must be a *flexbox*, with *indigo* background and the items must expand to fill the entire with.

The navigation items must have a teal background, rounded edges, and margins and paddings of *half of the size of a root character*. The text of the items must be centred, NOT underlined and must have a *dark* colour.

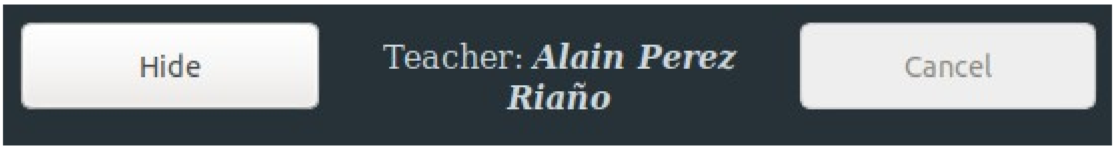


Lower part

Do not use *grid* nor *flexbox*. It must have a *dark* background colour and a *light* text colour.

The buttons must occupy the 30% of the with and the text the 40%. Between the 3 elements, you should occupy exactly the entire 100% of the width. Each element should have a padding and a margin different to 0 (in the image below it has *half of the size of a root character*). The text element in the middle must be horizontally centred.

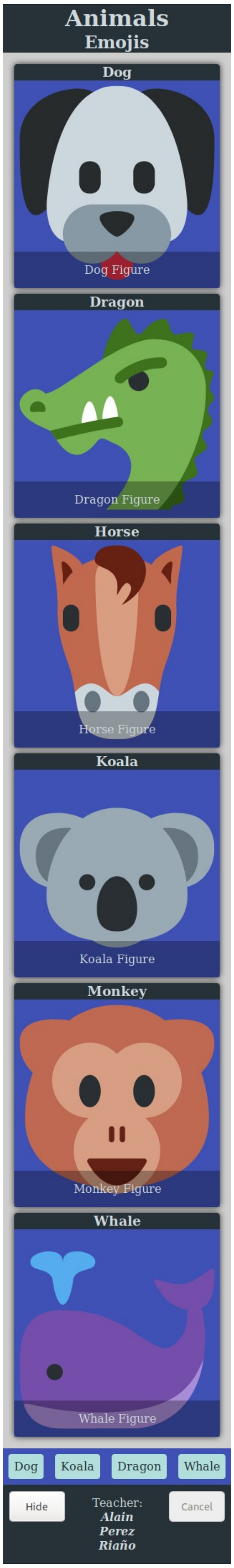
The teachers name must in italic and bold.

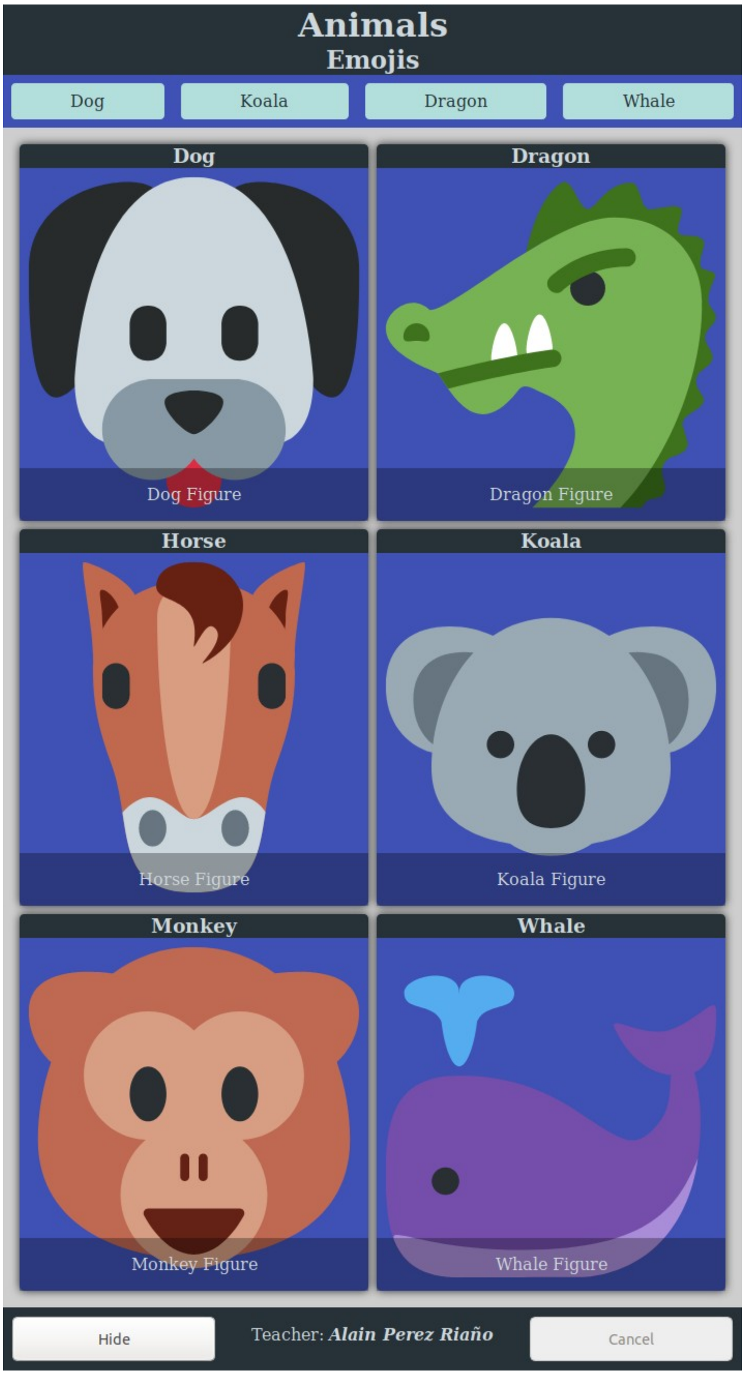


Teacher: ***Alain Perez Riaño***

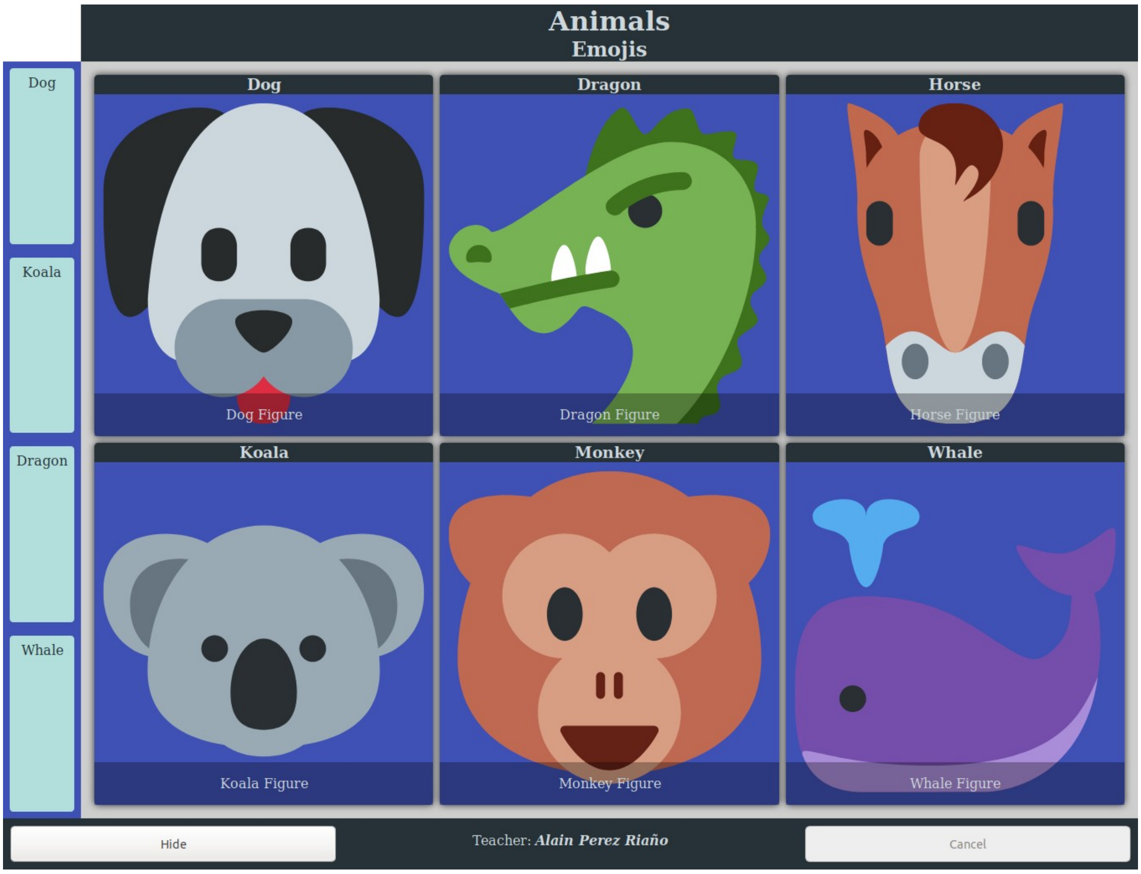
Media-queries

- Screen size between 0 and 720px (default):
    - 1 column article grid
    - Navigation below the content
- Screen size between 720px and 992px:
    - 2 columns article grid
    - Navigation before the content





- Screen size bigger than 992px
  - 3 columns article grid.
  - Navigation on the left side on the main content and vertical distribution.
  - Upper part just over the main content (**see the white space above the navigation and the left side of the upper part**).
  - Bottom part below navigation and main content.



Exercise 3 – JavaScript

Create a JavaScript file in its respective folder.

We will interact with the two buttons in the bottom part:

1. Hide
2. Cancel

When *hide* is clicked (only if it is enabled), a timeout of 5 seconds must be set, *hide* button must be disabled and *cancel* button must be enabled. The function of the button will hide **just the *horse* and *monkey* elements**, enable the hide button and disable the cancel button.

When the *cancel* button is clicked (when it is enabled), the timeout must be cancelled and no elements must hide. Moreover, *cancel* button must be disabled and *hide* button enabled again.

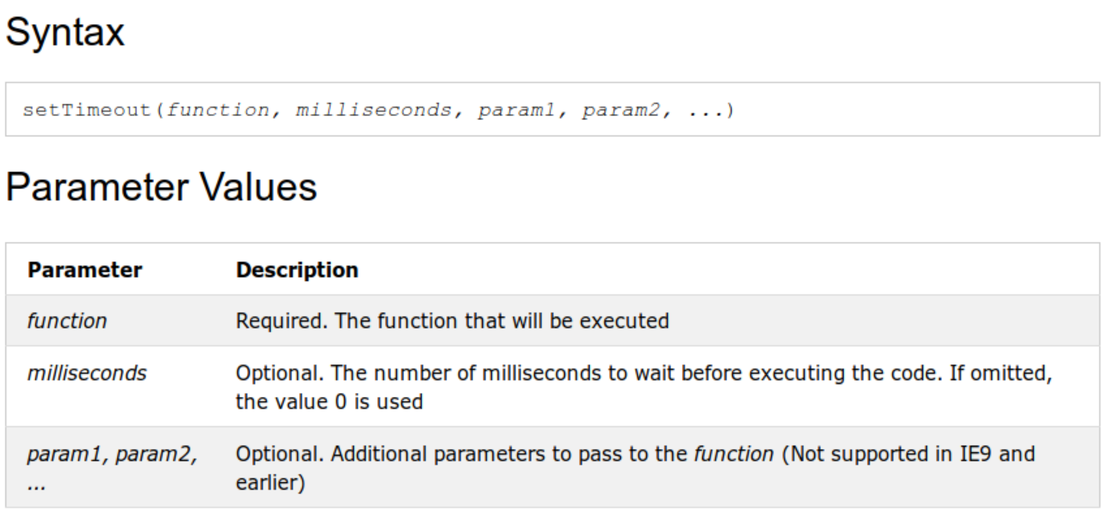
That way, both buttons are never enabled- at the same time.

Hints

Box-shadow hints ('?' means optional)

```
box-shadow:  none | inset? && [ <offset-x> <offset-y> <blur-radius>?
<spread-radius>? <color>? ] ]#
```

Timeout hints



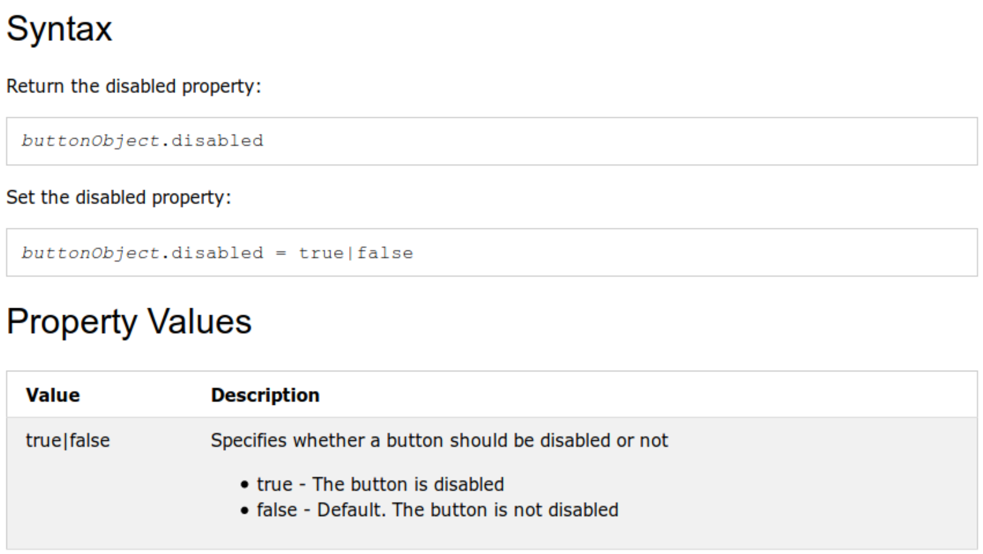
Syntax

```
setTimeout(function, milliseconds, param1, param2, ...)
```

Parameter Values

Parameter	Description
function	Required. The function that will be executed
milliseconds	Optional. The number of milliseconds to wait before executing the code. If omitted, the value 0 is used
param1, param2, ...	Optional. Additional parameters to pass to the *function* (Not supported in IE9 and earlier)

Disable/enable hints



Syntax

Return the disabled property:

```
buttonObject.disabled
```

Set the disabled property:

```
buttonObject.disabled = true|false
```

Property Values

Value	Description
true|false	Specifies whether a button should be disabled or not • true - The button is disabled • false - Default. The button is not disabled