

# The Rationale

Aung Hein  
u3172647

## The First Four Weeks

The unit convenor had explained in his recorded videos about HTML and CSS and how to combine them to make an actual working website with the designing aspects. The videos covered almost 70 percent of the entire unit requirements except for the responsive designs.

As for me, I just followed his guiding stages step by step and even at the stage of choosing colours. I honestly confess that Ocean Blue is my favourite colour since childhood and since that colour was coincidentally chosen in the recorded videos, I reused it again and I decided to use only four main colours for the entire website – ocean blue, grey, black and white, to make an attractive one and to gain more attention to users.

## 3 .. 2.. 1 .. Actions!

At the beginning, I thought that designing a functional website using HTML and pure CSS should not be that hard. But when it comes to action, it is a bit headache such as aligning the images and I also found out that positioning images are far more time consuming and required lots of efforts to fix it. I was facing the ever first problems which to put small paragraphs under the right square area of each images; three sub images in my case. To get over it I had to rely on the online sources.

<http://jsfiddle.net/8z46G/> (screenshots of this link shown at the bottom)

<http://jsfiddle.net/ZhLk4/379/> (screenshots of this link shown at the bottom)

<http://jsfiddle.net/ZhLk4/1/> (screenshots of this link shown at the bottom)

## Responsive? .... Sighs ....

My initial browser size when first created the website was 1920 x 1001. As for the responsive designs for various screen sizes: laptop, tablet and mobile, this stage is the most time consuming one. I honestly did not know that website designs needed to be responsive but when I researched in details and found out that people are not using desktops anymore in this era. Mobile phones and tablets are the most used devices for browsing websites and surfing the internet.

It came to my mind that I was going to use Media Queries as instructed in the classroom and from the unit outlines but I was not that clear what media queries did really mean and how useful they are. I then re-read about Media Queries from the unit contents again and researched and have found the following sources from YouTube.

<https://www.youtube.com/watch?v=ZyV6dYtz4HA> (screenshots of this link shown at the bottom)

<https://www.youtube.com/watch?v=fA1NW-T1QXc> (screenshots of this link shown at the bottom)

### [I think I did good](#)

Although I have used Media Queries along with the techniques provided from the class and online resources I still had problems with positioning and scaling down the images within responsive screens. The achievement to those problems were 'Trial and Error'. For assignment 2, I chose three responsive screen sizes –

@media only screen and (min-width: 768px) for mobile phones

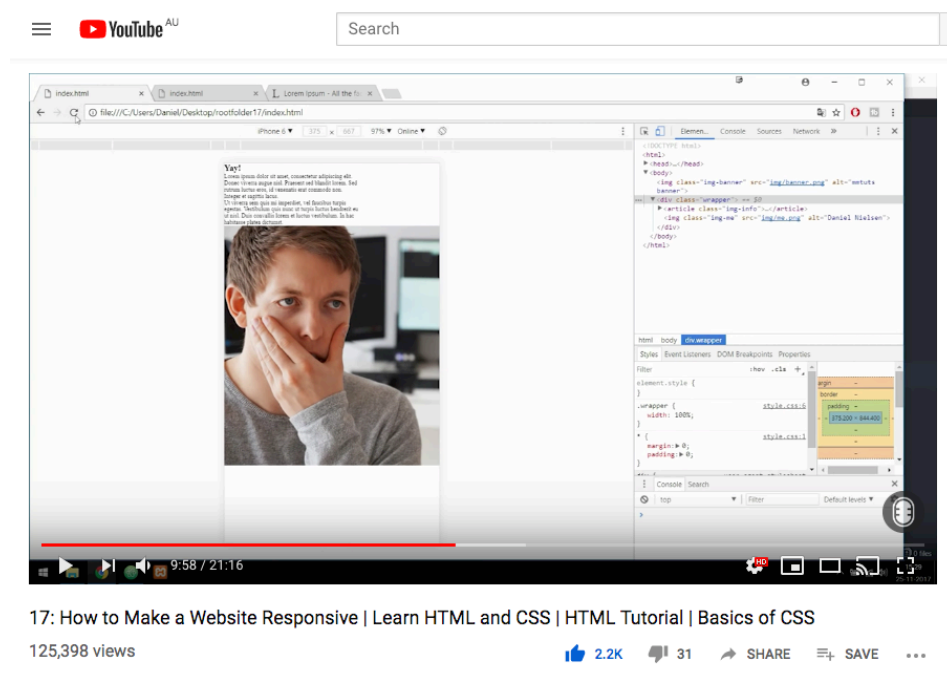
@media only screen and (max-width: 768px) for tablets

@media only screen and (min-width: 1440px) for desktops

There were some designing issues I cannot overcome though. According to my assignment 1 website initial sketches I put two photo sliders; at the hero section and down at the House Gallery section. I later realized that in order to design such those sliders I had to deal with JavaScript, which I am not allowed to use in this unit – so I gave it up. I have found some online sources which only used pure CSS and HTML to make photo sliding effects but not as reliable as JavaScript.

To sum up all everything about the issues from the above and for this unit, as the old saying stated 'What You See Is What You Get' from the past web developers, there is no shortcuts to get improved the skills for coding functional and modern websites but the old method 'Trial and Error' is the most practical approach to become the future professional web developers.

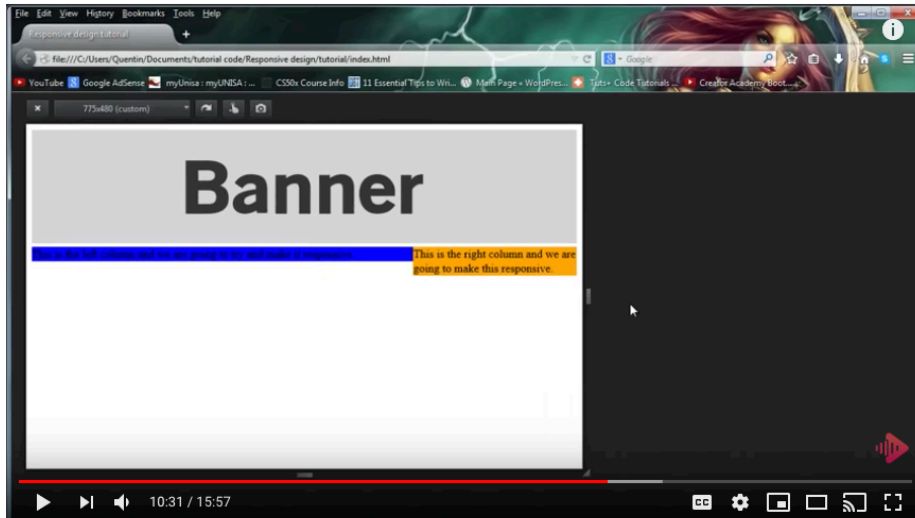
### [Sources Screenshots](#)



17: How to Make a Website Responsive | Learn HTML and CSS | HTML Tutorial | Basics of CSS

125,398 views

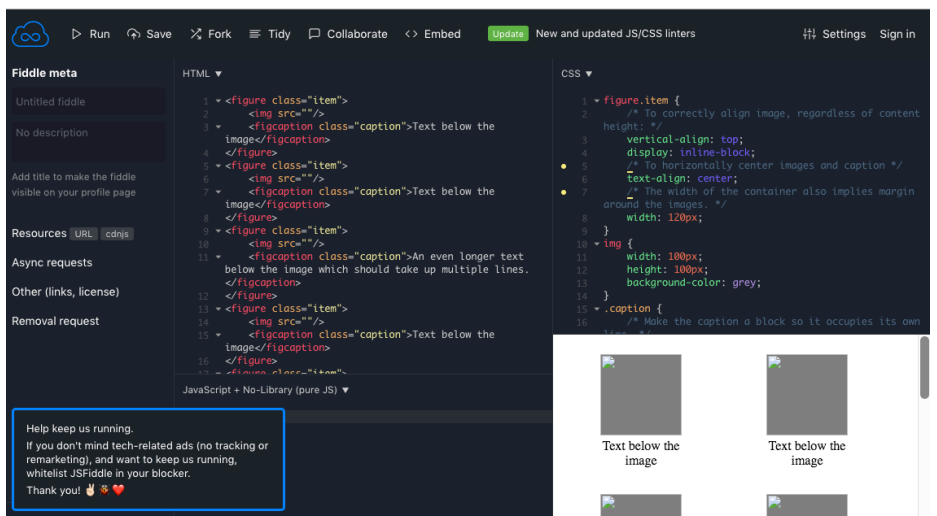
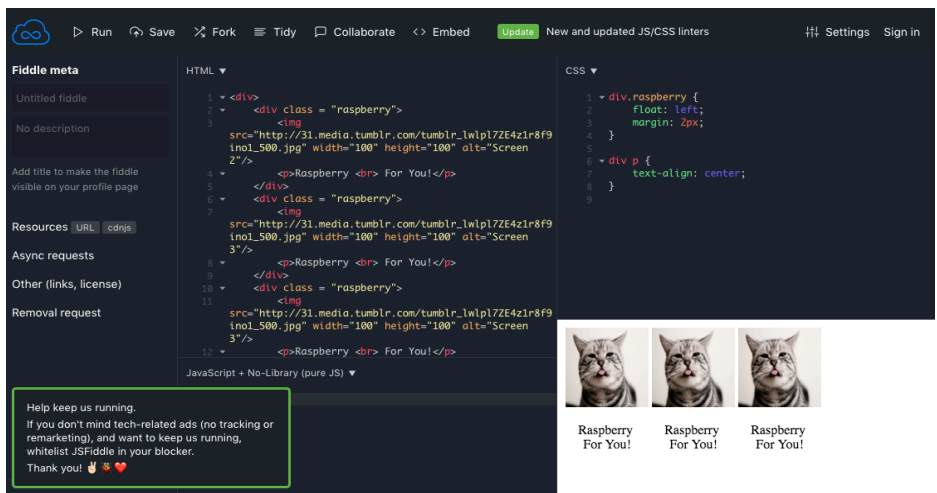
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## HTML5 and CSS3 Responsive design with media queries

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HTML

```
1 <div class="item">
2   <img src=""/>
3   <span class="caption">Text below the image</span>
4 </div>
5 <div class="item">
6   <img src=""/>
7   <span class="caption">Text below the image</span>
8 </div>
9 <div class="item">
10  <img src=""/>
11  <span class="caption">An even longer text below the
    image which should take up multiple lines.</span>
12 </div>
13 <div class="item">
14  <img src=""/>
15  <span class="caption">Text below the image</span>
16 </div>
17 <div class="item">
18  <img src=""/>
19  <span class="caption">Text below the image</span>
20 </div>
21 </div>
```

JavaScript + No-Library (pure JS)


CSS

```
1 div.item {
2   /* To correctly align image, regardless of content
   height: 0;
3   vertical-align: top;
4   display: inline-block;
5   /* To horizontally center images and caption */
6   text-align: center;
7   /* The width of the container also implies margin
   around the images. */
8   width: 120px;
9 }
10 img {
11   width: 100px;
12   height: 100px;
13   background-color: grey;
14 }
15 .caption {
16   /* Make the caption a block so it occupies its own
```


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Text below the image





An even longer text below the image which should take up multiple lines.

