

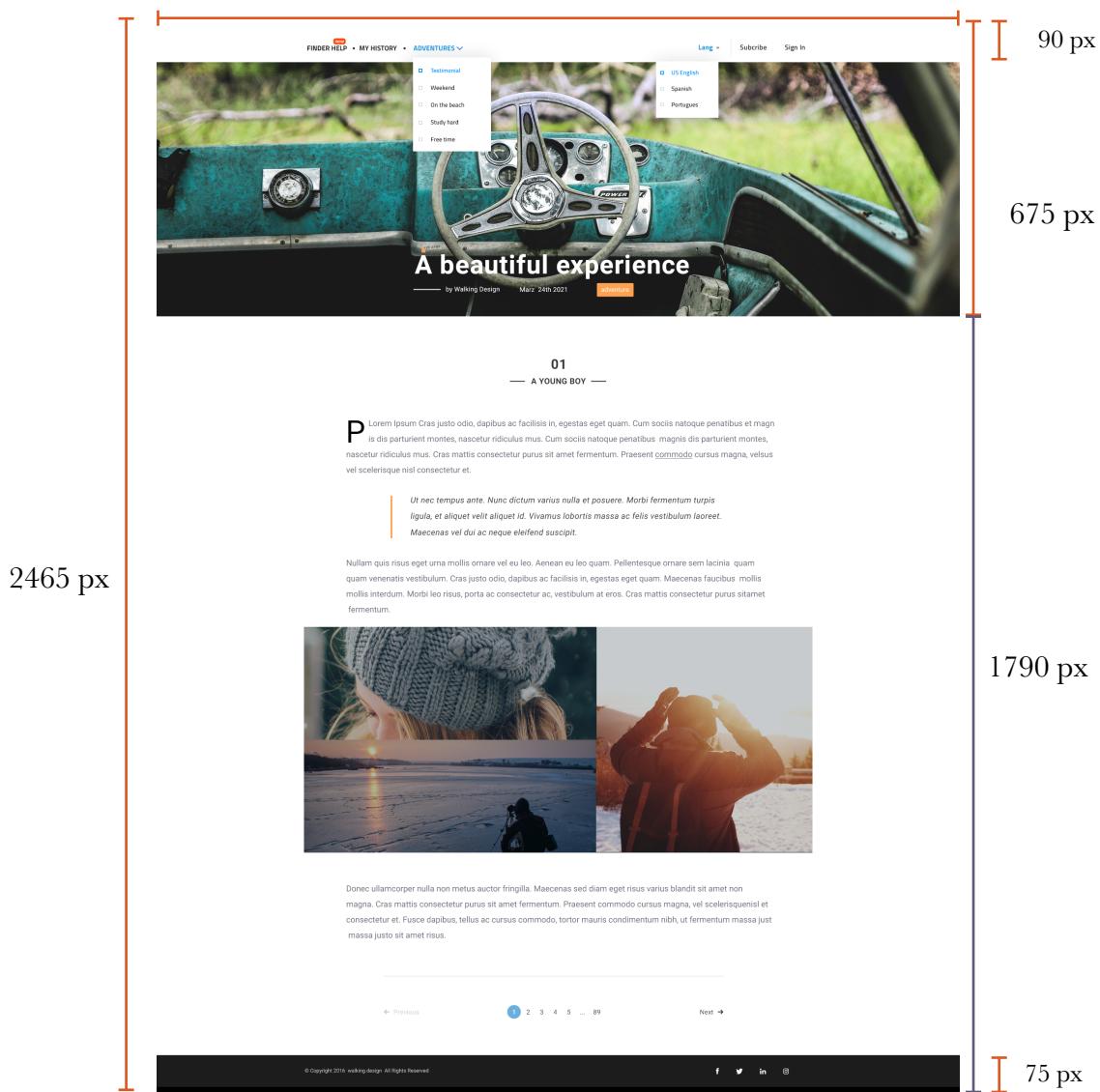
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Tutor: Renato Mejias  
Deadline: April 10  
Mar 29, 2021

# Hand on coding

## The puzzle website - The modern way 2/3

Pixel perfect

1890 px



The following assignment will require additional knowledge:

## 1- Menu Navigation / Top bar

### a. The Superscript element <sub>

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/sup#examples>

### b. Html and Css Drop down menu

[https://www.w3schools.com/css/css\\_dropdowns.asp](https://www.w3schools.com/css/css_dropdowns.asp)

[https://www.w3schools.com/howto/howto\\_css\\_dropdown.asp](https://www.w3schools.com/howto/howto_css_dropdown.asp)

[https://www.w3schools.com/howto/howto\\_css\\_dropdown.asp](https://www.w3schools.com/howto/howto_css_dropdown.asp)

<https://www.freecodecamp.org/news/css-dropdown-guide-how-to-make-a-dropdown-menu-in-css/>

<https://freefrontend.com/css-dropdown-menus/>

### c. <ul>: The Unordered List element

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul>

### d. Tree-structural pseudo-classes. :first-child

<https://developer.mozilla.org/en-US/docs/Web/CSS/Pseudo-classes>

## 2- Banner, Text coding and active button

### a. Css Pseudo-elements ::after and :: before

[https://developer.mozilla.org/en-US/docs/Learn/CSS/Building\\_blocks/Selectors/Pseudo-classes\\_and\\_pseudo-elements](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Selectors/Pseudo-classes_and_pseudo-elements)

### b. Gradients effects on button

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/button>

<https://developer.mozilla.org/en-US/docs/Web/CSS/CSS/Images>

<https://developer.mozilla.org/en-US/docs/Web/CSS/gradient>

[https://developer.mozilla.org/en-US/docs/Web/CSS/CSS/Images/Using\\_CSS\\_gradients](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS/Images/Using_CSS_gradients)

### c. For title “ A beautiful experience” use pseudo class - :is ( )

<https://developer.mozilla.org/en-US/docs/Web/CSS/:is>

## 3- Content - Tittle, Paragraph, Quote and Images

### a. Css Pseudo-elements ::after and :: before in “A young Boy”

### b. First letter

<https://developer.mozilla.org/en-US/docs/Web/CSS/:first>

<https://developer.mozilla.org/en-US/docs/Web/CSS/:first-letter>

<https://blog.hubspot.com/website/css-drop-cap>

### c. First line

<https://developer.mozilla.org/en-US/docs/Web/CSS/:first>

<https://developer.mozilla.org/en-US/docs/Web/CSS>::first-line>

d. line-height

<https://developer.mozilla.org/en-US/docs/Web/CSS/line-height>

<https://developer.mozilla.org/en-US/docs/Web/CSS/line-height-step>

e. Block quote

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/blockquote>

[https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction\\_to\\_HTML/Advanced\\_text\\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/mark>

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/cite>

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/q>

[https://developer.mozilla.org/en-US/docs/Learn/CSS/Howto/create\\_fancy\\_boxes](https://developer.mozilla.org/en-US/docs/Learn/CSS/Howto/create_fancy_boxes)

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/p>

f. Hover effect in “ commode” word first paragraph

<https://developer.mozilla.org/en-US/docs/Web/CSS/:hover>

<https://developer.mozilla.org/en-US/docs/Web/CSS/@media/hover>

<https://developer.mozilla.org/en-US/docs/Web/CSS/@media/any-hover>

g. Images

[https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia\\_and\\_embedding/Images\\_in\\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Images_in_HTML)

[https://developer.mozilla.org/en-US/docs/Web/API/Canvas\\_API/Tutorial/Using\\_images](https://developer.mozilla.org/en-US/docs/Web/API/Canvas_API/Tutorial/Using_images)

[https://developer.mozilla.org/en-US/docs/Web/CSS/CSS\\_Images](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Images)

[https://developer.mozilla.org/en-US/docs/Tools/Page\\_Inspector/How\\_to/View\\_background\\_images](https://developer.mozilla.org/en-US/docs/Tools/Page_Inspector/How_to/View_background_images)

[https://developer.mozilla.org/en-US/docs/Web/CSS/CSS\\_Backgrounds\\_and\\_Borders/Resizing\\_background\\_images](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Backgrounds_and_Borders/Resizing_background_images)

h. Positioning

[https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Positioning#relative\\_positioning](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Positioning#relative_positioning)

<https://developer.mozilla.org/en-US/docs/Web/CSS/display>

## 4- Division and Pagination

a. Horizontal rule

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/hr>

<https://love2dev.com/blog/html-horizontal-line/>

b. Active and functional pagination

[https://www.w3schools.com/css/css3\\_pagination.asp](https://www.w3schools.com/css/css3_pagination.asp)

## 5- Footer

### a. Float and Positioning

[https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Introduction](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Introduction)  
[https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Normal\\_Flow](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Normal_Flow)  
[https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Positioning#relative\\_positioning](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Positioning#relative_positioning)  
[https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS\\_layout/Floats](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Floats)  
<https://blog.hubspot.com/website/css-float>

[https://www.w3schools.com/cssref/pr\\_class\\_float.asp](https://www.w3schools.com/cssref/pr_class_float.asp)

### b. For social media icons use awesome font or SVG font

<https://developer.mozilla.org/en-US/docs/Web/CSS/font>  
<https://developer.mozilla.org/en-US/docs/Web/CSS/font-style>  
<https://developer.mozilla.org/en-US/docs/Web/CSS/font-weight>  
<https://developer.mozilla.org/en-US/docs/Web/CSS/font-size>

### c. Gradients Buttons

<https://developer.mozilla.org/en-US/docs/Web/CSS/gradient>  
[https://developer.mozilla.org/en-US/docs/Web/CSS/linear-gradient\(\)](https://developer.mozilla.org/en-US/docs/Web/CSS/linear-gradient())  
<https://www.colorzilla.com/gradient-editor/>

### d. Font awesome

<https://fontawesome.com/icons?d=gallery&p=2>  
[https://www.w3schools.com/icons/fontawesome\\_icons\\_webapp.asp](https://www.w3schools.com/icons/fontawesome_icons_webapp.asp)  
[https://www.tutorialspoint.com/web\\_icons/font\\_awesome\\_webapplication\\_icons.htm](https://www.tutorialspoint.com/web_icons/font_awesome_webapplication_icons.htm)  
<https://www.youtube.com/watch?v=wiw68Y-hPlA>  
<https://fontawesome.com/icons/circle?style=solid>

### e. Copyright symbol html

<https://www.toptal.com/designers/htmlarrows/symbols/copyright-sign/>  
<https://www.educative.io/edpresso/how-to-create-the-copyright-symbol-in-html>  
<https://www.rapidtables.com/web/html/html-codes.html>

## 6- General Knowledge

### a. Links

<https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Link>  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:link>  
<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link>

[https://developer.mozilla.org/en-US/docs/Web/HTML/Link\\_types](https://developer.mozilla.org/en-US/docs/Web/HTML/Link_types)  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:any-link>  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:local-link>  
[https://developer.mozilla.org/en-US/docs/Web/HTTP/Link\\_prefetching\\_FAQ](https://developer.mozilla.org/en-US/docs/Web/HTTP/Link_prefetching_FAQ)  
[https://developer.mozilla.org/en-US/docs/Web/HTML/Link\\_types/preconnect](https://developer.mozilla.org/en-US/docs/Web/HTML/Link_types/preconnect)  
[https://developer.mozilla.org/en-US/docs/Web/HTML/Link\\_types/modulepreload](https://developer.mozilla.org/en-US/docs/Web/HTML/Link_types/modulepreload)  
[https://developer.mozilla.org/en-US/docs/Web/HTML/Link\\_types/preload](https://developer.mozilla.org/en-US/docs/Web/HTML/Link_types/preload)

- b. Pseudo class  
<https://developer.mozilla.org/en-US/docs/Web/CSS/Pseudo-classes>
- c. CSS pseudo class :active  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:active>
- d. CSS pseudo class :link  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:link>
- e. CSS pseudo class :visited  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:visited>
- f. CSS pseudo class : hover  
<https://developer.mozilla.org/en-US/docs/Web/CSS/:hover>
- g. Font-family / emoji  
<https://developer.mozilla.org/en-US/docs/Web/CSS/font-family>
- h. Html symbols  
<https://www.toptal.com/designers/htmlarrows/symbols/>

<https://developer.mozilla.org/en-US/docs/Glossary/Entity>  
<https://html.spec.whatwg.org/multipage/named-characters.html#named-character-references>  
CSS SVG

- i. SVG  
<https://developer.mozilla.org/en-US/docs/Web/SVG/Tutorial>  
<https://developer.mozilla.org/en-US/docs/Web/SVG>  
[https://developer.mozilla.org/en-US/docs/Web/SVG/Tutorial/Basic\\_Shapes](https://developer.mozilla.org/en-US/docs/Web/SVG/Tutorial/Basic_Shapes)  
<https://icons8.com/icons/set/dot>  
<https://www.svgrepo.com/svg/124304/three-dots>  
<https://www.youtube.com/watch?v=emFMHH2Bfvo>

## General Instructions

1. In case the icons or geometric images like dots use according to needs.

The Grid 80 10 10

1 column = 80px.

12 column = 960px

Gutter = 20px

11 Gutter = 220px

**Margin = 10px per side**

**Total: 1200px**

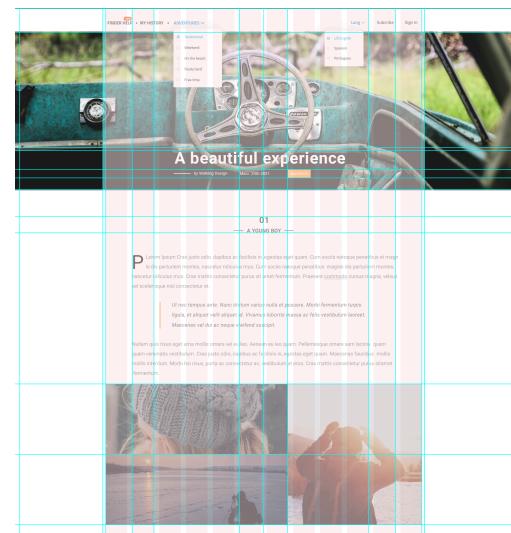
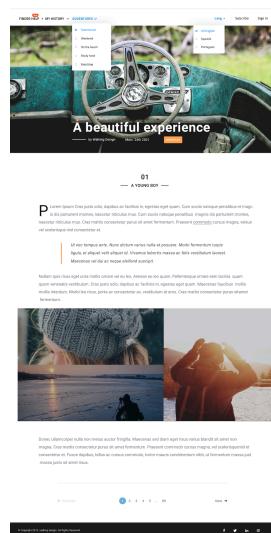
The layout - center fixed

1890 px

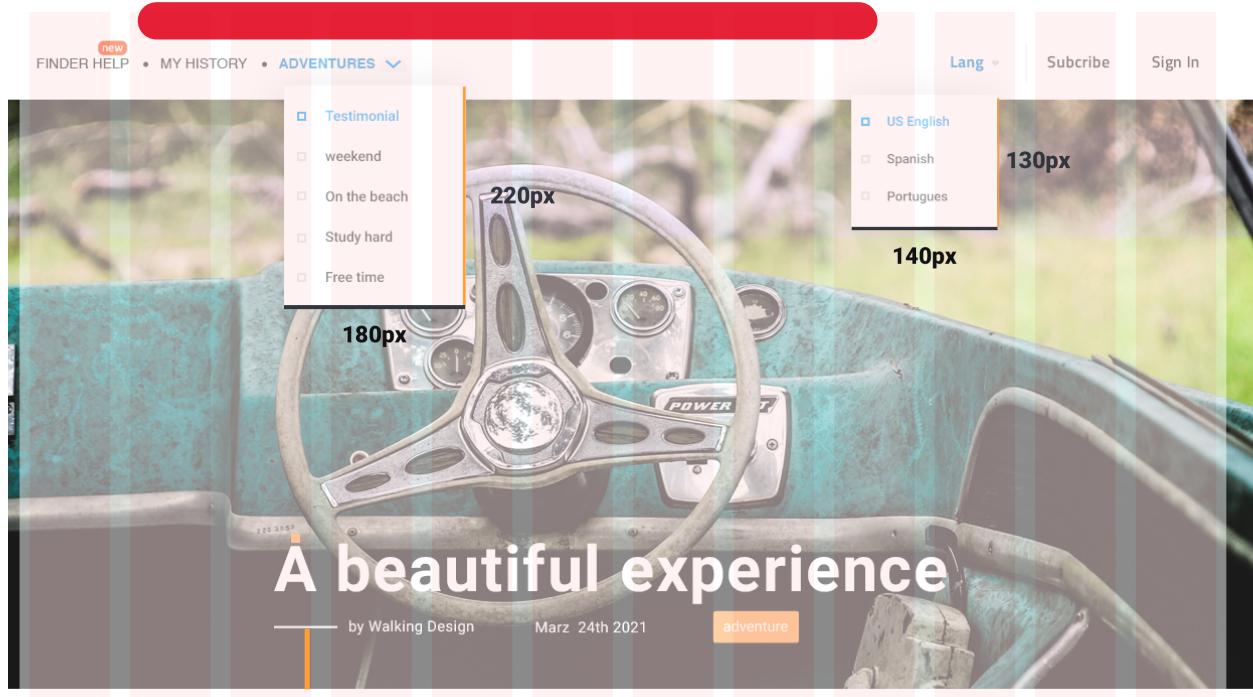
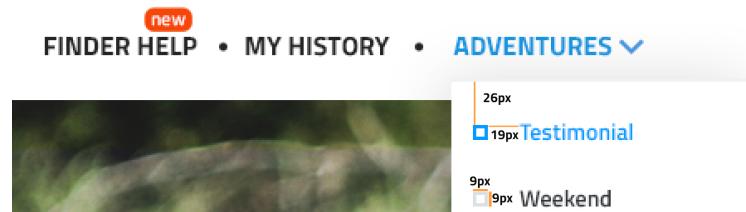
2400 px 

The fixed px. text application

horizontally



**Note:** The are specific information data will need to apply to the design of the web page.



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