0x01. AirBnB clone - Web static

HTML CSS Front-end

Concepts

For this project, we expect you to look at these concepts:

- HTML/CSS
- The body of front-end quality

Background Context

Web static, what?

Now that you have a powerful interpreter for managing your AirBnB objects, it's time to make them alive!

Before developing a big and complex web application, we will first build the front-end step-by-step.

The first step is to "design" the "static" / "prototype" web element:

- Create simple HTML static pages
- Style pages
- Take controls
- Take screenshots
- No data loaded from anything

During this project, you will learn how to manipulate HTML and CSS languages. HTML is the structure of your page, it should be the first thing to write. CSS is the styling of your page. It might be easy, it might be really annoying. Learn to fix your HTML part before starting the CSS part. Indeed, without any structure, you can't apply any design.

Before starting, please fork or clone the repository `holberton_clone` from your partner if you were not the owner of the previous project.

Resources

Read or watch:

- Learn to Code HTML & CSS (until "Creating Lists" included)
- Intro Styles in HTML
- Specifics on CSS Specificity
- CSS Specificity
- Text Editor for HTML
- CSS
- MDN
- Lorem Ipsum

Learning Objectives

At the end of this project, you are expected to be able to **explain to anyone**, **without the help of Google**:

General

- What is HTML
- How to create an HTML page
- What is a tag in HTML
- What is the DOM
- What is an element / tag
- What is an attribute
- What is the difference between a webpage
- What is CSS
- How to add style to an element
- What is a class
- What is an id
- How to compute CSS Specificity Value
- What are Box properties in CSS

Copyright - Plagiarism

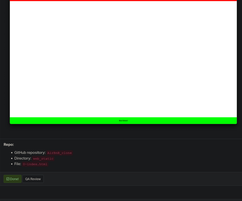
- You are expected to be with solutions for the tasks (some yourself to meet with the above learning objectives.
- You will not be able to meet the objectives of this or any following project by copying and pasting someone else's work.
- You are expected to be able to explain your solutions.
- Any form of plagiarism is strictly forbidden and will result in removal from the program.

Requirements

General

- Allowed editors: `vi`, `vim`, `emacs`
- All your files should end with a new line
- A `README.md` file at the root of the folder of the project, is mandatory
- All your files must be interpreted/compiled on Ubuntu 14.04 LTS using MDN / Mozilla/ W3C standards
- All your files must be validated by W3C
- All your images should be in `images` folder
- You are not allowed to use `!important` and `id` in the CSS file
- You are not allowed to use `tag`, `.class` and `:pseudo`
- Your code should be W3C validated
- Content and layout have been separated into `.html` and `.css` files
- No cross browsers
- No cross browsers
- You are to follow all requirements but some `styles` / `coding` are missing - you should try to fit as much as you can to screenshots

More Info



Quiz questions

Great! You've completed the quiz successfully! Keep going! (Show quiz)

Tasks

0. Inline styling

mandatory

Write an HTML page that displays a header and a footer.

Layout:

- Body:
  - no margin
  - no padding
- Header:
  - color #FF0000 (red)
  - height: 10px
  - width: 100%
- Footer:
  - color #00FF00 (green)
  - height: 10px
  - width: 100%
  - text `Foot Bar`: center vertically and horizontally
  - always at the bottom at the page

Requirements:

- You must use the `header` and `footer` tags
- You are not allowed to import any files
- You are not allowed to use the `style` tag in the `head` tag
- Use inline styling for all your tags

Repo:

- GitHub repository: `holberton_clone`
- Directory: `web_static`
- File: `0-inline.html`

Show | Get Review

1. Head styling

mandatory

Write an HTML page that displays a header and a footer by using the `style` tag in the `head` tag (same as `0-inline.html`)

Requirements:

- You must use the `header` and `footer` tags
- You are not allowed to import any files
- No inline styling
- You must use the `style` tag in the `head` tag

The layout must be exactly the same as `0-inline.html`

Repo:

- GitHub repository: `holberton_clone`
- Directory: `web_static`
- File: `1-head.html`

Show | Get Review

2. CSS files

mandatory

Write an HTML page that displays a header and a footer by using CSS files (same as `1-head.html`)

Requirements:

- You must use the `header` and `footer` tags
- No inline styling
- You must have 3 CSS files:
  - `styles/common.css` for global style (i.e the `body` style)
  - `styles/header.css` for header style
  - `styles/footer.css` for footer style

The layout must be exactly the same as `1-head.html`

Repo:

- GitHub repository: `holberton_clone`
- Directory: `web_static`
- File: `2-common.html styles/common.css styles/header.css styles/footer.css`

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3. Zoning done!

mandatory

Write an HTML page that displays a header and footer by using CSS files (same as `2-common.html`)

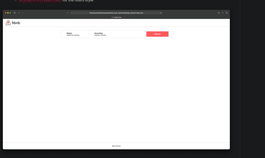
Layout:

- Common:
  - no margin
  - no padding
  - font family: Helvetica
  - font size: 14px
  - text family: `"Helvetica", "Helvetica", Arial, "Lucida Grande", Sans-serif`
  - `line` in the browser tab
- Header:
  - color white
  - height: 70px
  - width: 100%
  - border bottom: 1px #CCCCCC
  - text: `Header`: center vertically and horizontally (20px space at the left)
- Footer:
  - color white
  - height: 70px
  - width: 100%
  - text: `Footer`: center vertically and horizontally
  - always at the bottom at the page

Requirements:

- No inline style
- You are not allowed to use the `div` tag
- You are not allowed to use the `style` tag in the `head` tag
- All images must be stored in the `images` folder
- You must have 4 CSS files:
  - `styles/common.css` for the global style (i.e `body`, `ul`, `li`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6`, `p`, `a`, `table`, `tr`, `th`, `td`, `form`, `input`, `textarea`, `select`, `button`, `fieldset`, `legend`, `label`, `hr`, `pre`, `code`, `blockquote`, `dl`, `dt`, `dd`, `ol`, `li`, `iframe`, `object`, `embed`, `video`, `audio`, `canvas`, `figure`, `figcaption`, `header`, `footer`, `section`, `article`, `aside`, `nav`, `main`, `hgroup`, `mark`, `time`, `meter`, `progress`, `output`, `details`, `summary`, `dialog`, `menu`, `menuitem`, `command`, `keygen`, `datalist`, `ruby`, `rt`, `rp`, `bdi`, `bdo`, `wbr`, `address`, `cite`, `dfn`, `em`, `kbd`, `mark`, `q`, `samp`, `small`, `strong`, `sub`, `sup`, `var`, `abbr`, `acronym`, `b`, `big`, `center`, `dir`, `font`, `i`, `s`, `strike`, `tt`, `u`, `xmp`, `applet`, `basefont`, `bgsound`, `blink`, `frame`, `frameset`, `marquee`, `nobr`, `noembed`, `noframes`, `plaintext`, `spacer`, `tbody`, `tfoot`, `thead`, `tr`, `th`, `td`, `caption`, `colgroup`, `col`, `dl`, `dt`, `dd`, `ol`, `li

- You must use `header`, `footer`, `section`, `article`, `aside`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6` tags
- No inline style
- You are not allowed to use the `div` tag
- You are not allowed to use the `span` tag in the `.scss` tag
- All images must be stored in the `assets` folder
- You must have 5 CSS files:
  - `styles/header.scss` for the global style (`body` and `container` styles)
  - `styles/header.scss` for the header style
  - `styles/footer.scss` for the footer style
  - `styles/filters.scss` for the filters style



Repo:

- GitHub repository: `alibab_ilias`
- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `assets/`

Done! | Get Review

6. Filtrover

Handmade

Write an HTML page that displays a header, footer, and a filters box with dropdown.

Layout (based on `0-index.html`):

- Update Locations and Amenities filters to display a contextual dropdown when the mouse is on the filter `div`:
  - Locations:
    - Oleksandre
    - text should be beta now
    - mode: auto
    - not displayed by default
    - position: absolute
    - width same as the `.filter` filter
    - border #DDDDDD 1px with border radius 4px
    - no text shadow
  - Location filter top: 2 levels of `ul`:
    - `ul` and `li` tags
    - state name must be display in a `h3` tag (font size: 16px)

Requirements:

- You must use `header`, `footer`, `section`, `article`, `aside`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6` tags
- No inline style
- You are not allowed to use the `div` tag
- You are not allowed to use the `span` tag in the `.scss` tag
- All images must be stored in the `assets` folder
- You must have 5 CSS files:
  - `styles/header.scss` for the global style (`body` and `container` styles)
  - `styles/header.scss` for the header style
  - `styles/footer.scss` for the footer style
  - `styles/filters.scss` for the filters style

Repo:

- GitHub repository: `alibab_ilias`
- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `styles/0-filters.scss`, `assets/`

Done! | Get Review

7. Display results

Handmade

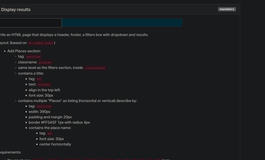
Write an HTML page that displays a header, footer, a filters box with dropdown and results.

Layout (based on `0-index.html`):

- Add Places section:
  - tag `section`
  - classname `places`
  - same level as the filters section, inside `.container`
  - contains a title:
    - tag `h1`
    - text `Places`
    - align to the top-left
    - font size 36px
  - contains multiple "Places" as listing (horizontal or vertical) describe by:
    - tag `article`
    - width: 310px
    - margin-top: margin 20px
    - border #FF5A5F 1px with radius 4px
    - contains the place name:
      - tag `h2`
      - font size: 20px
      - ellipsis horizontally

Requirements:

- You must use `header`, `footer`, `section`, `article`, `aside`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6` tags
- No inline style
- You are not allowed to use the `div` tag
- You are not allowed to use the `span` tag in the `.scss` tag
- All images must be stored in the `assets` folder
- You must have 5 CSS files:
  - `styles/header.scss` for the global style (i.e. `body` and `container` styles)
  - `styles/header.scss` for the header style
  - `styles/footer.scss` for the footer style
  - `styles/filters.scss` for the filters style
  - `styles/0-places.scss` for the places style



Repo:

- GitHub repository: `alibab_ilias`
- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `styles/0-filters.scss`, `styles/0-places.scss`, `assets/`

Done! | Get Review

8. More details

Handmade

Write an HTML page that displays a header, a footer, a filter box (dropdown list) and the result of the search.

Layout (based on `0-index.html`):

Add more information to a Place `article`:

- Place by origin:
  - tag `div`
  - classname `place_by_origin`
  - same level as the place name
  - text aligned to the left
  - border #FF5A5F dot-marked
  - min-width: 90px
  - height: 90px
  - text size: 20px
  - text: `BIG` (or `SMALL` with space)
- Information section:
  - tag `div`
  - classname `information`
  - align: 90px
  - border: top and bottom #DDDDDD 1px
  - contains (align vertical):
    - Number of guests:
      - tag `div`
      - classname `nb_guests`
      - width: 110px
      - fake text
      - `guest`
    - Number of bedrooms:
      - tag `div`
      - classname `nb_bedrooms`
      - width: 110px
      - fake text
      - `bed`
    - Number of bathrooms:
      - tag `div`
      - classname `nb_bathrooms`
      - width: 110px
      - fake text
      - `bath`
- User section:
  - tag `div`
  - classname `user_section`
  - text `Contact Jacques Bonhomme`
  - `Jacques` text should be in bold
- Description section:
  - tag `div`
  - classname `description`

Requirements:

- You must use `header`, `footer`, `section`, `article`, `aside`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6` tags
- No inline style
- You are not allowed to use the `div` tag
- You are not allowed to use the `span` tag in the `.scss` tag
- All images must be stored in the `assets` folder
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  - `styles/header.scss` for the global style (i.e. `body` and `container` styles)
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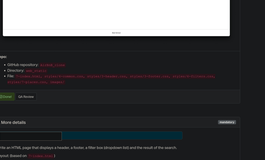

Repo:

- GitHub repository: `alibab_ilias`
- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `styles/0-filters.scss`, `styles/0-places.scss`, `assets/`

Done! | Get Review

9. Full details

Advanced

Write an HTML page that displays a header, footer, a filters box with dropdown and results.

Layout (based on `0-index.html`):

Add more information to a Place `article`:

- List of Amenities:
  - tag `div`
  - classname `amenities`
  - margin-top 40px
  - contains:
    - `h2`
      - tag `h2`
      - text `Amenities`
      - font size 15px
      - bottom: bottom #DDDDDD 1px
    - list of amenities:
      - tag `ul` / `li`
      - no list style
      - text: `Amenities` + `Amenities`
    - Text:
      - tag for the amenities description (font size 14px): Ex: "From Bob Dylan the 27th January 2017"
      - tag for the text (font size 14px)

Requirements:

- You must use `header`, `footer`, `section`, `article`, `aside`, `h1`, `h2`, `h3`, `h4`, `h5`, `h6` tags
- No inline style
- You are not allowed to use the `div` tag
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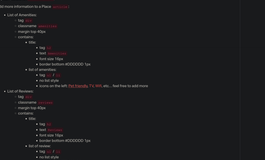
  - `styles/0-places.scss` for the places style



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Done! | Get Review

10. Flex

Advanced

Improve the Places section by using Flexbox boxes for all Place articles.

Flexbox Froggy

Repo:

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- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `styles/0-filters.scss`, `styles/0-places.scss`, `assets/`

Done! | Get Review

11. Responsive design

Advanced

Improve the page by adding responsive design to display correctly in mobile or small screens.

Examples:

- no horizontal scrolling
- sidebar search bar depending of the width
- etc.

Repo:

- GitHub repository: `alibab_ilias`
- Directory: `web_static/`
- File: `0-index.html`, `styles/0-header.scss`, `styles/0-header.css`, `styles/0-footer.scss`, `styles/0-footer.css`, `styles/0-filters.scss`, `styles/0-places.scss`, `assets/`

Done! | Get Review

Close | Cancel

12. Accessibility

Optional

Improve the page by adding Accessibility support!

Examples:

- Colors contrast
- Header tags
- etc.

Well done on completing this project! Let the world hear about this milestone achieved.

Click here to tweet!

Note:

- GitHub repository: AJ1BoB_2166
- Direction: ltr-ltr
- File: https://codes.xtra.ir/styles/1251/comment.xtra, https://47.237.header.xtra, https://0.0.0.0:8000/styles/1251/comment.xtra, https://0.0.0.0:8000/styles/1251/header.xtra, /header/

Close | Cancel | Review

Ready for a new review

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