Assignment - Week 1

Apply HTML, CSS, and JavaScript without third-party libraries (e.g. Bootstrap, jQuery) to complete a web page which meets RWD layout requirements described below:

Requirement 1: 1200px < screen width <= 1920px

Details:

- Ignore red annotations in the screenshot.
- You should check the layout in screens wider than 1200px.
- Base text size is 20px. Welcome text in the light-blue section is twice the base size.
- Title in the navbar should be aligned to the leftmost of the entire screen.
- Menu items in the navbar should be aligned to the rightmost of the entire screen.
- Title and menu items should be vertically centered with each other.
- Welcome text should be horizontally and vertically centered.
- Layout of main content should be fixed in 1200px width, and centered horizontally.
 Just leave both sides blank.
- Visual borders of Items in the main content should be aligned with each other.
- Spacings of items in the main content should be 20px.

Small Boxes:

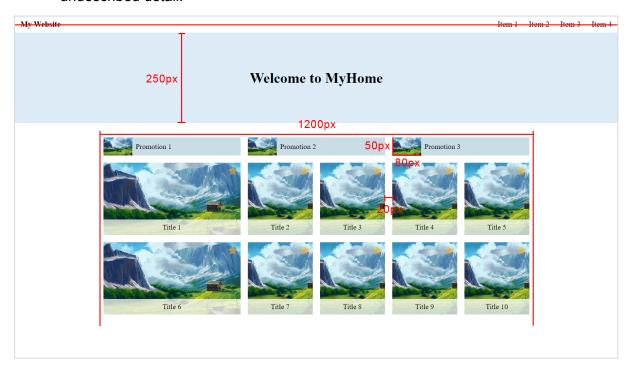
- There are 3 small boxes located in the top of main content where each box should be 50px height and cover ⅓ of total width.
- Image in the box should be aligned to the left with 80px width and full height.
 Text in the box should be aligned to the left and vertically centered.

Big Boxes:

- There are 10 big boxes located in the bottom of main content where each box contains 1 arbitrary background image, 1 star icon, and 1 line text.
- Arrange these 10 boxes into 5 columns with the same height.
- First column should be twice wider than the others covering \(\frac{1}{3} \) of total width.
- Text block in the box should be semi-transparent and aligned to the bottom.
- Text should be horizontally and vertically centered in the text block.
- Star icon in the box should be aligned to the top-right corner.

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- Any image should maintain its original aspect ratio regardless of display size. (Image can be cropped without changing the aspect ratio.)
- In any size of screens, width of page layout cannot exceed screen width.
- Make the layout the same as the screenshot as possible as you can for any undescribed detail.



Requirement 2: 600px < screen width <= 1200px

Details:

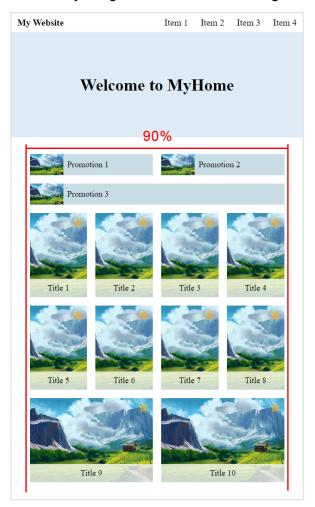
Layout of main content should cover 90% of screen width.

Small Boxes:

- Arrange 3 boxes into 2 rows where 2 columns in first row and 1 column in second row.
- Each column in the first row should cover 50% of total width.
- o The column in the second row should cover 100% of total width.
- o Image in the box should be 80px width and 50px height.

Big Boxes:

- Arrange 10 boxes into 4 columns with the same height.
- Each column should cover 25% of total width.
- Leave only 2 boxes in the last row and each covers 50% of total width.
- Any image should maintain its original aspect ratio regardless of display size.



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Requirement 3: 360px < screen width <= 600px

Details:

- Replace menu items by a burger menu icon. (https://www.iconfinder.com/)
- Burger menu icon should be vertically centered with the website title.
- Show the popup menu as screenshot below when we click the menu burger icon.
- Close the popup menu when we click the cross icon in the popup menu.
- Layout of main content should cover 90% of screen width.
- Small Boxes:
 - Arrange 3 boxes into 1 column with full width.
- Big Boxes:
 - o Arrange 10 boxes into 1 column with full width.
- Any image should maintain its original aspect ratio regardless of display size.

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