

Media Query Assignment



Assignment Question

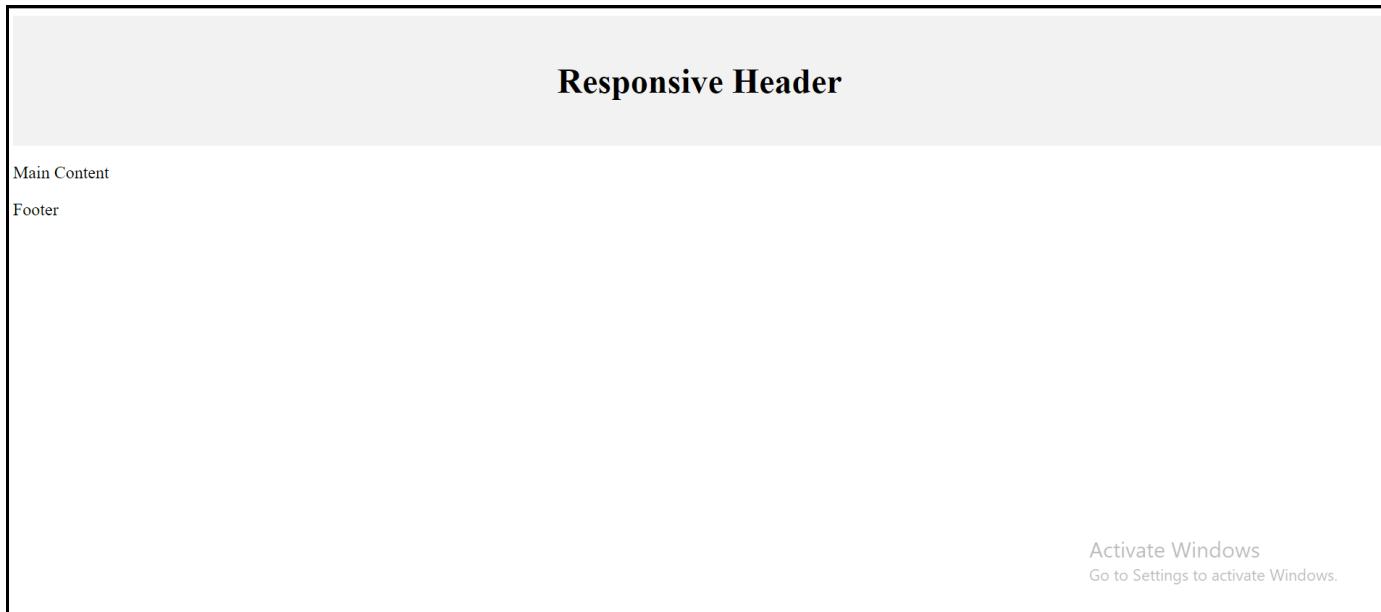
Task 1:

Problem Statement

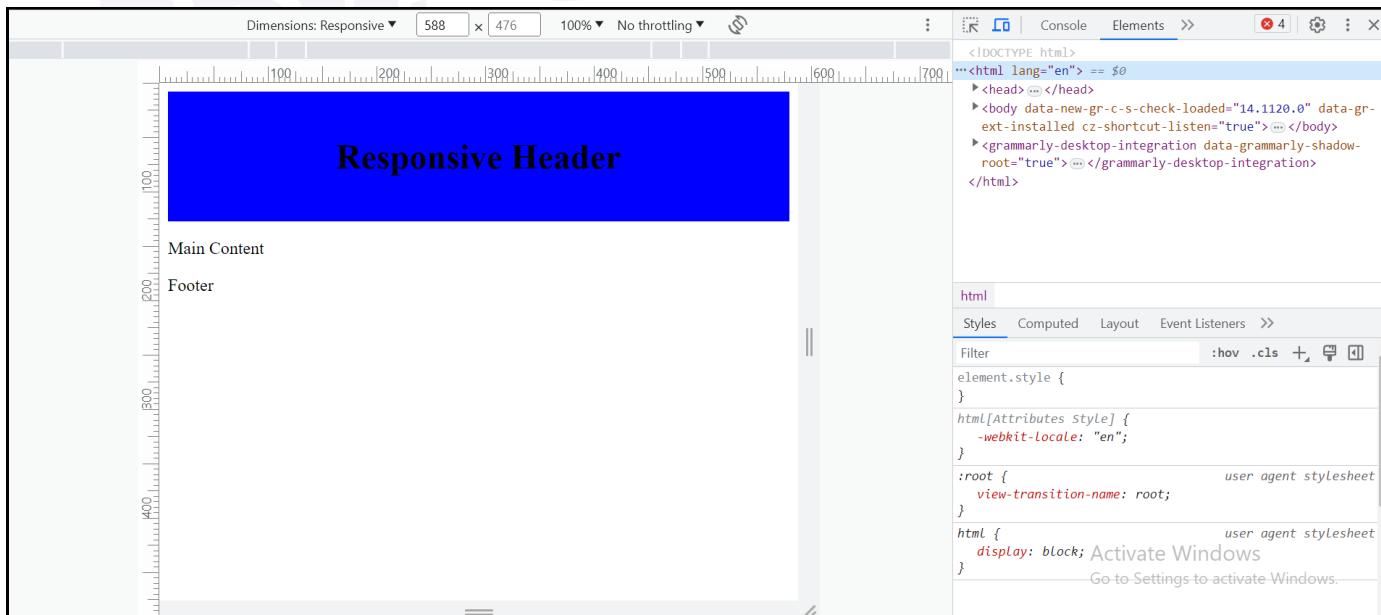
Create a simple webpage with a header, a main content section, and a footer. Apply a media query that changes the background color of the header to blue when the screen width is less than 600px.

Expected Outputs

Normal Output



Responsive Output



Assignment Question

Task 2:

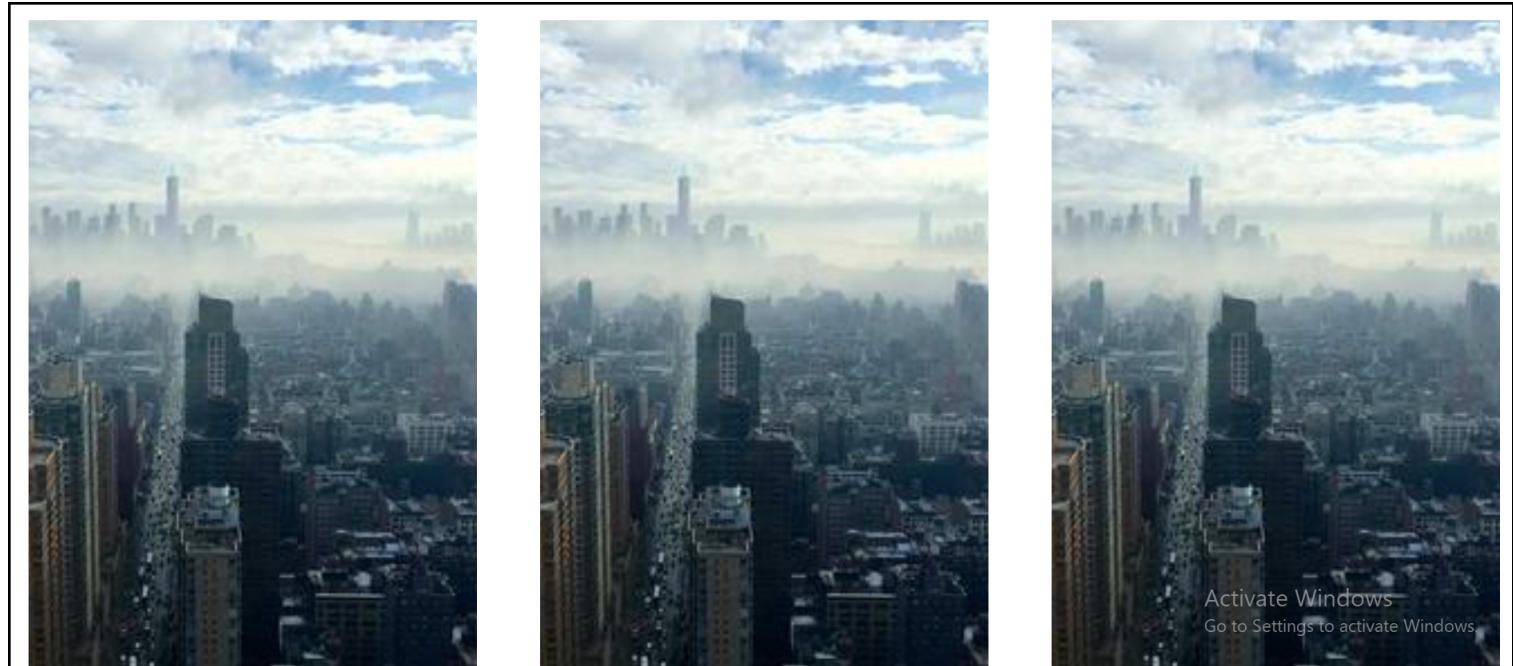
Problem Statement

Create an image gallery with three images in a row. Use media queries to adjust the layout to two images in a row for screens smaller than 800px and one image in a row for screens smaller than 500px.

For image use this link ([Image Link](#))

Expected Output

First Output



Activate Windows
Go to Settings to activate Windows

Assignment Question

Second Output

Dimensions: Responsive ▾ 702 x 953 50% ▾ No throttling ▾

The screenshot shows a responsive web page with a grid of images. At the top, there are two images side-by-side. Below them, there is one large image on the left and one smaller image on the right. The developer tools' Elements tab is active, displaying the HTML code for the image gallery. The CSS styles for the images are defined in the styles section, including media queries for different screen widths.

```
<!DOCTYPE html>
<html lang="en">
  <head> ...
  <body data-new-gr-c-s-check-loaded="14.1120.0" data-gr-ext-installed cz-shortcut-listen="true">
    <div class="image-gallery"> (flex)
      
      ...
       == $0
      
    </div>
  </body>
</html>
```

Styles Computed Layout Event Listeners >

Filter :hover .cls +

element.style { }

@media screen and (max-width: 800px) .image-gallery img { width: 45%; }

.image-gallery img { width: 30%; margin: ▶ 10px; }

img { Activate Windows user agent stylesheet overflow-clip-margin: content-box; overflow: clip; }

Third Output

Dimensions: Responsive ▾ 478 x 953 50% ▾ No throttling ▾

The screenshot shows a responsive web page with a grid of images. At the top, there is one large image on the left and one smaller image on the right. Below them, there is one large image on the left and one smaller image on the right. The developer tools' Elements tab is active, displaying the HTML code for the image gallery. The CSS styles for the images are defined in the styles section, including media queries for different screen widths.

```
<!DOCTYPE html>
<html lang="en">
  <head> ...
  <body data-new-gr-c-s-check-loaded="14.1120.0" data-gr-ext-installed cz-shortcut-listen="true">
    <div class="image-gallery"> (flex)
      
      ...
       == $0
      
    </div>
  </body>
</html>
```

Styles Computed Layout Event Listeners >

Filter :hover .cls +

element.style { }

@media screen and (max-width: 500px) .image-gallery img { width: 100%; }

@media screen and (max-width: 800px) .image-gallery img { width: 45%; }

.image-gallery img { width: 30%; margin: ▶ 10px; }

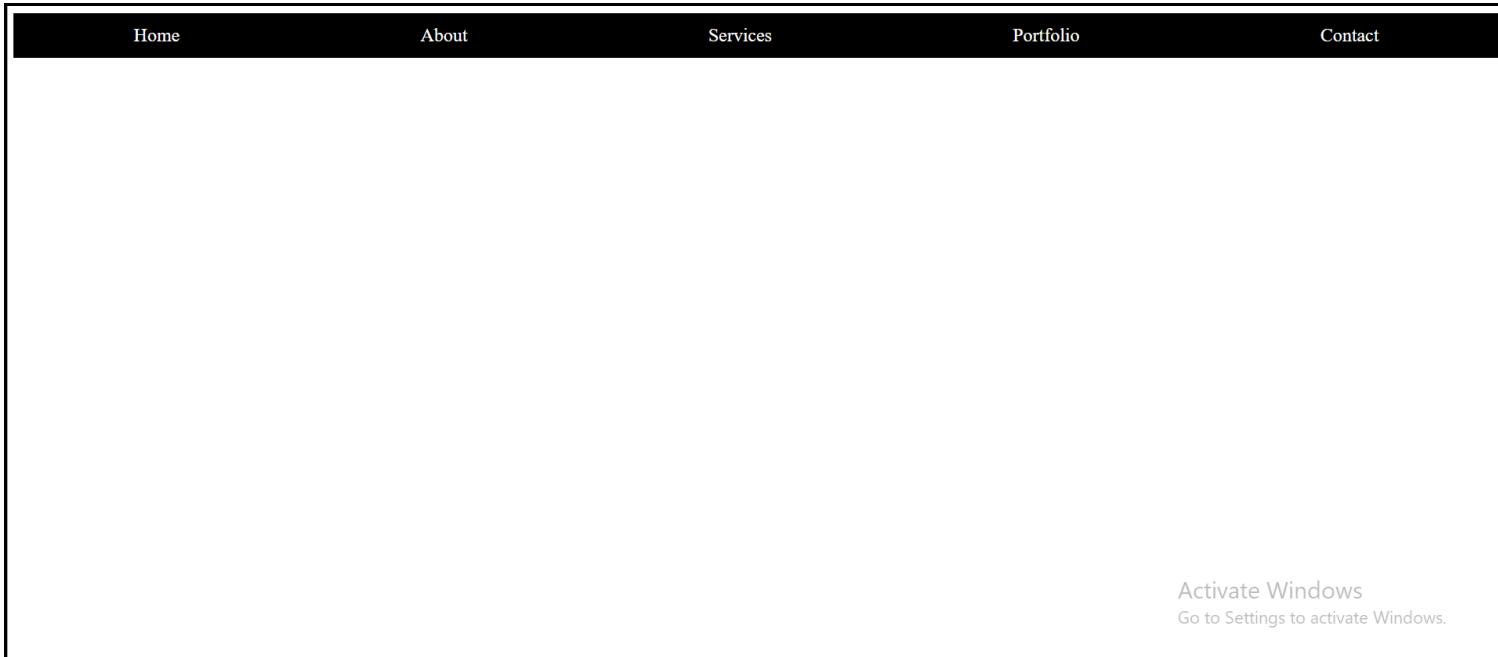
Task 3:

Problem Statement

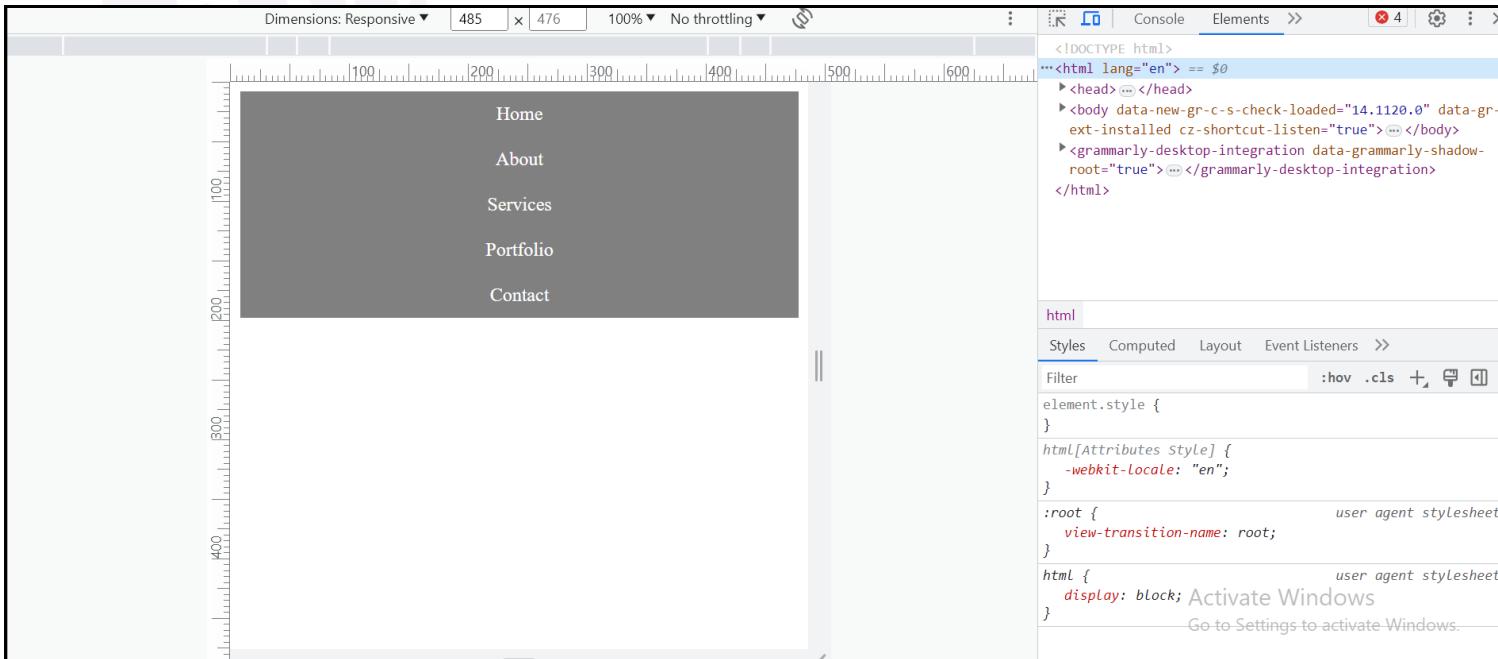
Create a navigation bar with five links. Apply a media query that converts the navigation into a vertical list for screens smaller than 768px and also changes the background color to gray.

Expected Outputs

Normal Output



Responsive Output



Assignment Question

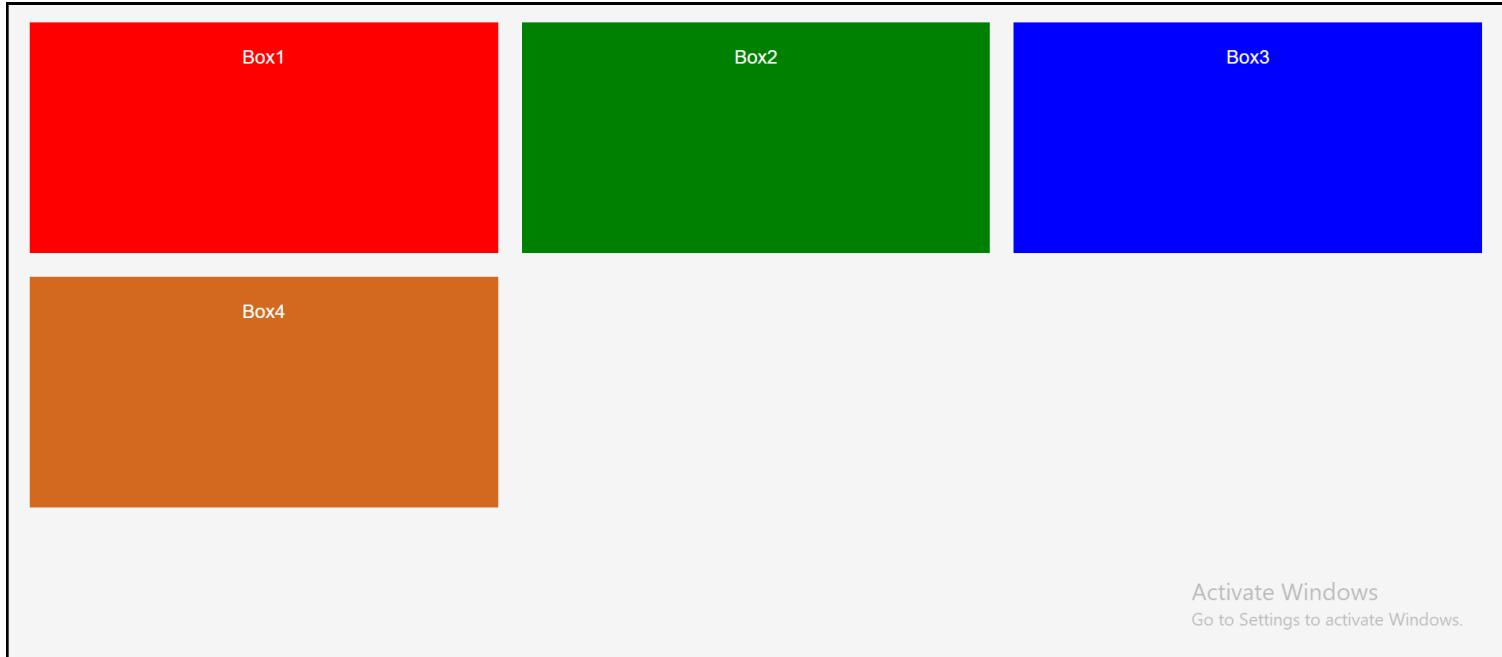
Task 4:

Problem Statement

Create a grid based layout containing four grid items which arranges them as the screen size changes.

Expected Outputs

Normal Output



Responsive Output

Dimensions: Responsive ▾ 490 x 635 75% ▾ No throttling ▾

Activate Windows
Go to Settings to activate Windows.

```
<!DOCTYPE html>
<html lang="en">
  <head> ... </head>
  <body data-new-gr-c-s-check-loaded="14.1120.0" data-gr-ext-installed cz-shortcut-listen="true">
    ... > <div class="grid-container"> ... </div> grid == $0
      <!-- Code injected by live-server -->
      <script> ... </script>
    </body>
    <grammarly-desktop-integration data-grammarly-shadow-root="true"> ... </grammarly-desktop-integration>
  </html>
```

grid-container {
 display: grid; grid-template-columns: 1fr;
 gap: 20px;
 padding: 20px;
 background-color: #f5f5f5;
 min-height: 100vh;
}

div {
 display: block; Activate Windows
}

Assignment Question

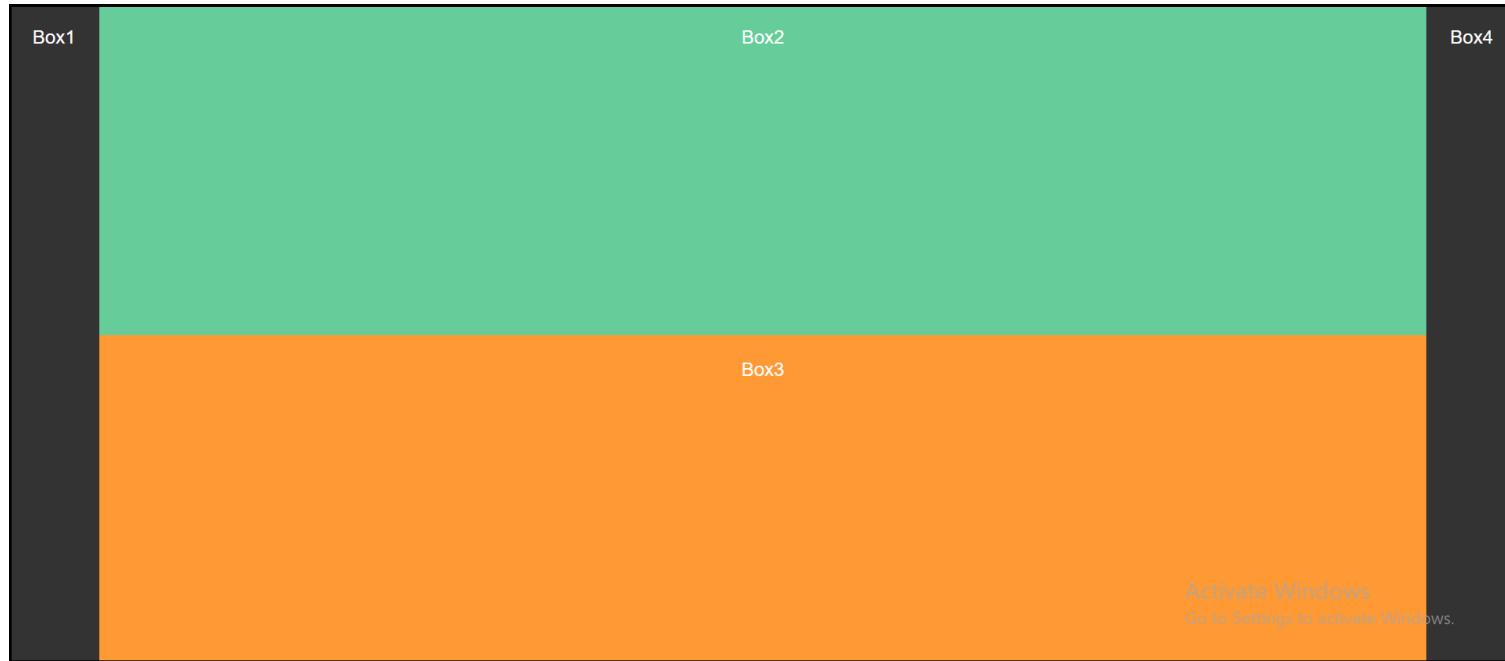
Task 5:

Problem Statement

Create the below given layout using the flexbox in css, which should adapt itself on mobile screen as per given below output.

Expected Outputs

Normal Output



Responsive Output

