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Assignment 3

12th August 2023

Module 2 : Front End Development

Submission Requirements: Please upload your codes in PDF File on Google Classroom in the relevant Assignment section.

Note: Plagiarism is a serious violation. Zero marks will be awarded in case plagiarism is found. You are required to perform the following tasks.

Part 1:

- Apply a green text color to all <h2> elements.

```
<div>
|   <h3>Apply a green text color to all h2 elements</h3>
|   <h2>This is h2 Heading</h2>
|   <h2>This is another h2 Heading</h2>
|
| </div>
```

```
h2{
|   color: green;
| }
}
```

Apply a green text color to all h2 elements


This is h2 Heading

This is another h2 Heading

- Create a class called "highlight" and apply it to a paragraph (<p>) element to emphasize the text using a background color.

```

<div>
  <h3>Create a class called "highlight" and apply it to a
  paragraph (p) element to emphasize the text using a
  background color</h3>
  <p class="highlight">Lorem ipsum dolor sit amet consectetur
  adipisicing elit. Quibusdam architecto nemo voluptaserror,
  repellat quod nihil ex quas accusamus quis optio totam
  odit, nostrum ut cum, enim veritatis asperiores.
  Asperiores!</p>
</div>

.highlight{
  background-color:  rgb(128, 0, 128, 0.5);
}

```

Create a class called "highlight" and apply it to a paragraph (p) element to emphasize the text using a background color

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quibusdam architecto nemo voluptaserror, repellat quod nihil ex quas accusamus quis optio totam odit, nostrum ut cum, enim veritatis asperiores. Asperiores!

- Change the background color of the <body> to a color of your choice.

```

body{
  background-color:  rgb(205, 91, 91, 0.5);
}

```

Apply a green text color to all h2 elements

This is h2 Heading

This is another h2 Heading

Create a class called "highlight" and apply it to a paragraph (p) element to emphasize the text using a background color

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quibusdam architecto nemo voluptas error, repellat quod nihil ex quas accusamus quis optio totam odit, nostrum ut cum, enim veritatis asperiores. Asperiores!

- Adjust the font size and color of the text within the .box element.

```
<div>
|   <p class="box">This is a text</p>
</div>
```

```
.box{
|   font-size: 50px;
|   color:    aqua;
}
```

Adjust the font size and color of the text within the .box element

This is a text

- Apply a different font family to the text within the .color element.

```
<div>
|   <h3>Apply a different font family to the text within the .
|   color element</h3>
|   <p class="color">The font family is font-family: fantasy;</
|   p>
| </div>
```

```
.color{
|   font-family: fantasy;
| }
```

Apply a different font family to the text within the .color element

The font family is font-family: fantasy;

- Experiment with different values for the border-radius property within the .border class and observe the changes.

Experiment with different values for the border-radius property within the .border class and observe the changes

border-radius property [10px]

border-radius property [50px]

border-radius property [100%]

- Create a navigation menu using an ordered list (and elements) and style the list items with a background color and padding.

```

<div>
  <h3>Create a navigation menu using an ordered list (ol and
  li elements) and style the list items with a background
  color and padding</h3>
  <nav>
    <ol>
      <li>Home</li>
      <li>About</li>
      <li>Services</li>
      <li>Contact Us</li>
    </ol>
  </nav>
</div>

```

```

nav{
  background-color: #mediumseagreen;
  padding: 5px;
}

```

Create a navigation menu using an ordered list (ol and li elements) and style the list items with a background color and padding

1. Home
2. About
3. Services
4. Contact Us

- Apply a custom class to a link (<a>) element and change the text decoration property.

```

<div>
  <h3>Apply a custom class to a link (a) element and change
  the text decoration property.</h3>
  <a class="decor" href="index.html">It's html file</a>
</div>

```

```

.decor{
  text-decoration: line-through;
}


```


Apply a custom class to a link (a) element and change the text decoration property.

It's [html file](#)

- Add a right border to all <h3> elements using the .border class.

```
<div>
  <h3>Add a right border to all h3 elements using the .border
  class</h3>
  <h3 class="border">This is h3</h3>
  <h3 class="border">This is also h3</h3>
</div>
```

```
.border{
  border-color:  brown;
  border-style: solid;
  border-width: 0px 5px 0px 0px ;
}
```


Add a right border to all h3 elements using the .border class

This is h3

This is also h3

- Create a <div> element with the class "rounded-corner" and apply rounded corners to it using the border-radius property.

```
<div class="rounded-corner">
  <h3>Create a div element with the class "rounded-corner"
  and apply rounded corners to it using the border-radius
  property</h3>
  <p>div with rounded-corner</p>
</div>
```


```
.rounded-corner{
  background-color:  lemonchiffon;
  border-color:  royalblue;
  border-style: solid;
  border-width: 3px;
  border-radius: 10px;
}
```

Create a div element with the class "rounded-corner" and apply rounded corners to it using the border-radius property

div with rounded-corner

- Apply the .margin class to a block-level element and observe the margin space around it.

```
<div class="margin">
  <h3>Apply the .margin class to a block-level element and
  observe the margin space around it</h3>
  <h2>This is a block element</h2>
</div>
```

```
.margin{
  margin: 50px;
  background-color:  gray;
}
```

Apply the .margin class to a block-level element and observe the margin space around it

This is a block element

- Apply the .padding class to a block-level element and observe the padding space within it.

```
<div class="padding">
  <h3>Apply the .padding class to a block-level element and
  observe the padding space within it</h3>
  <h2>This is a block element</h2>
</div>
```

```
.padding{
  padding: 50px;
  background-color: gray;
}
```

Apply the .padding class to a block-level element and observe the padding space within it

This is a block element

- Create a section with a <div> element and an <h4> element. Use the .textCenter class to center-align the text.

```
<section class="textCenter">
  <h3>Create a section with a div element and an h4 element.
  Use the .textCenter class to center-align the text</h3>
  <div>
    This is a div
  </div>
  <h4>Heading h4</h4>
</section>
```

```
.textCenter{
  text-align: center;
}
```




Create a section with a div element and an h4 element. Use the .textCenter class to center-align the text

This is a div

Heading h4

- Apply the .backgroundBlack class to a paragraph element and observe the background color change.

```
<div>  
  <h3>Apply the .backgroundBlack class to a paragraph element  
  and observe the background color change</h3>  
  <p class="backgroundBlack">Lorem ipsum dolor sit amet  
  consectetur adipisicing elit. Tempora, nihil?</p>  
</div>
```

```
.backgroundBlack{  
  background-color:  black;  
  color:  wheat;  
}
```

Apply the .backgroundBlack class to a paragraph element and observe the background color change

Lorem ipsum dolor sit amet consectetur adipisicing elit. Tempora, nihil?

- Create a simple footer section at the bottom of the page using a <footer> element. Apply styles to make it stand out.

```
<div>
  <h3>Create a simple footer section at the bottom of the
  page using a <footer> element. Apply styles to make it
  stand out</h3>
  <footer class="contact">
    <h2>Contact Us</h2>
    <p>Have a question or want to know more?</p>
    <div>
      <div class="icons">
        <i class="fas fa-phone-alt"></i>
        <i class="fas fa-envelope"></i>
        <i class="fab fa-facebook"></i>
        <i class="fab fa-twitter"></i>
        <i class="fab fa-instagram"></i>
      </div>
    </div>
    <p>&copy; 2023 Quixotic Quarters. All rights
    reserved.</p>
  </footer>
</div>
```

```

.contact {
  background-color: indianred;
  color: #fff;
  padding: 50px 0;
  text-align: center;
}

.icons {
  font-size: 24px;
  margin-top: 10px;
}

.icons i {
  margin: 0 10px;
  color: white;
  transition: color 0.3s;
}

.icons i:hover {
  color: hsla(269, 66%, 31%, 0.5);
}

```

Create a simple footer section at the bottom of the page using a `div` element. Apply styles to make it stand out

Contact Us

Have a question or want to know more?



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- Create a class called "inline-block" and apply it to a <div> element. Use the display property to make the element display as inline-block.

```
<div class="inline-block">
  <h3>Create a class called "inline-block" and apply it to a
  div element. Use the display property to make the element
  display as inline-block</h3>
</div>
```

```
.inline-block{
  background-color: beige;
  display: inline-block;
}
```

Create a class called "inline-block" and apply it to a div element. Use the display property to make the element display as inline-block

- Experiment with different values for the background-repeat property within the .backgroundImage class.

```
<h3>Experiment with different values for the background-repeat
property within the .backgroundImage class</h3>
<div class="backgroundImage"><h1> background-repeat: space;</
h1></div>
```

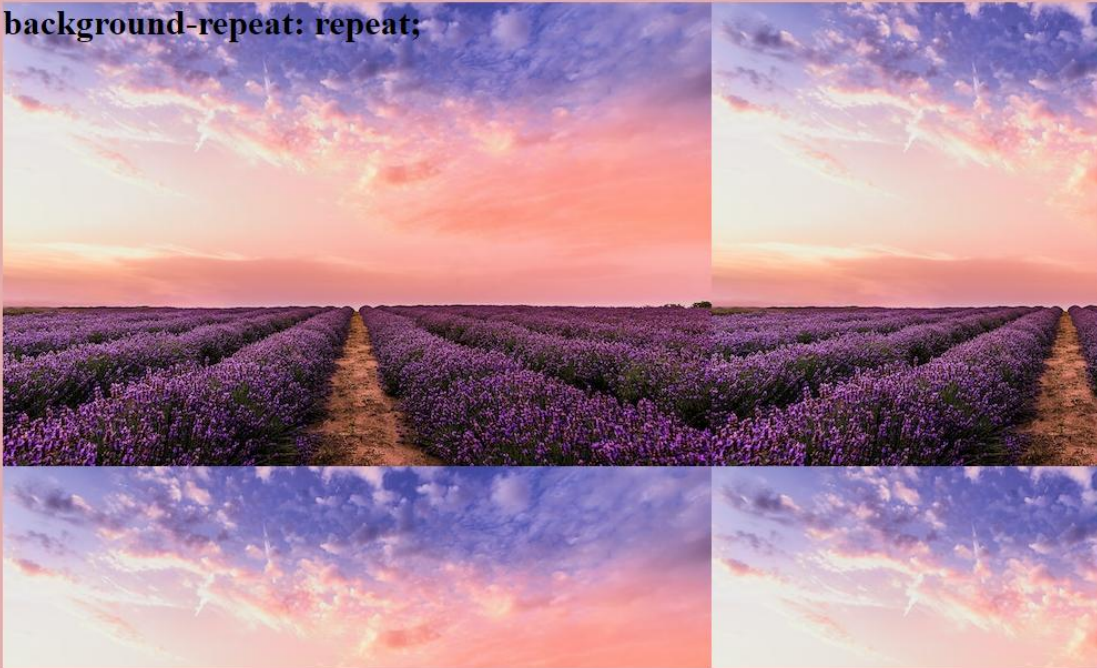
```
.backgroundImage{
  width: 989px;
  height: 600px;
  background-image: url('image.jpg');
  /* background-repeat: no-repeat; */
  /* background-repeat: repeat; */
  /* background-repeat: round; */
}
```


Experiment with different values for the background-repeat property within the .backgroundImage class

background-repeat: no-repeat;



background-repeat: repeat;



background-repeat: round;



- Create a button using an `<a>` element and apply styles for its normal and hover states.

```
<div>
  <h3>Create a button using an a element and apply styles for
  its normal and hover states</h3>
  <a class="button" href="index.html">Click Me</a>
</div>

.button {
  display: inline-block;
  background-color: indianred;
  color: #fff;
  font-size: 30px;
  text-decoration: none;
  transition: background-color font-size color 0.3s ease;
}

.button:hover {
  background-color: #4d1b83;
  font-size: 50px ;
  color: darkred;
}
```

Create a button using an a element and apply styles for its normal and hover states

Click Me

Create a button using an a element and apply styles for its normal and hover states

Click Me

- Apply the .rtl class to a paragraph element to change the text direction to right-to-left.



```
<div>
|   <p class="rtl">Apply the .rtl class to a paragraph element
|   to change the text direction to right-to-left Lorem ipsum,
|   dolor sit amet consectetur adipisicing elit. Ratione earum
|   at eligendi voluptates quasi? Doloribus error ducimus
|   facilis esse, dolores similique, dignissimos eos id nobis
|   quo iure voluptas odio rerum!</p>
| </div>
```

```
.rtl{
|   direction: rtl;
| }
```

Apply the .rtl class to a paragraph element to change the text direction to right-to-left Lorem ipsum, dolor sit amet consectetur adipisicing elit. Ratione earum at eligendi voluptates quasi? Doloribus error ducimus facilis esse, dolores similique, dignissimos eos id nobis quo iure voluptas odio rerum

- Apply a gradient background to the .widget elements using the background property.

```
<div class="widget">
|   <h3>Apply a gradient background to the .widget elements
|   using the background property</h3>
| </div>
```

```
.widget{  
  width: 200px;  
  height: 200px;  
  padding: 20px;  
  margin: 20px;  
  border-radius: 10px;  
  font-size: 20px;  
  background: linear-gradient(135deg,  #0022ff,  #ff00ff);  
}
```

**Apply a gradient
background to the
.widget elements
using the
background
property**