

Assignment – 6

XML Lab

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1: Set the color of all <p> elements to Red.

Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>CSS</title>
```

```
</head>
```

```
<style>
```

```
    /* setting the color of all paragraph to red */
```

```
    p{
```

```
        color: red;
```

```
    }
```

```
</style >
```

```
<body style="background-color: gray;;">
```

```
    <h2>The color of all the text in paragraphs will be Red</h2>
```

```
    <p>This is paragraph 1</p>
```

```
    <p>This is paragraph 2</p>
```

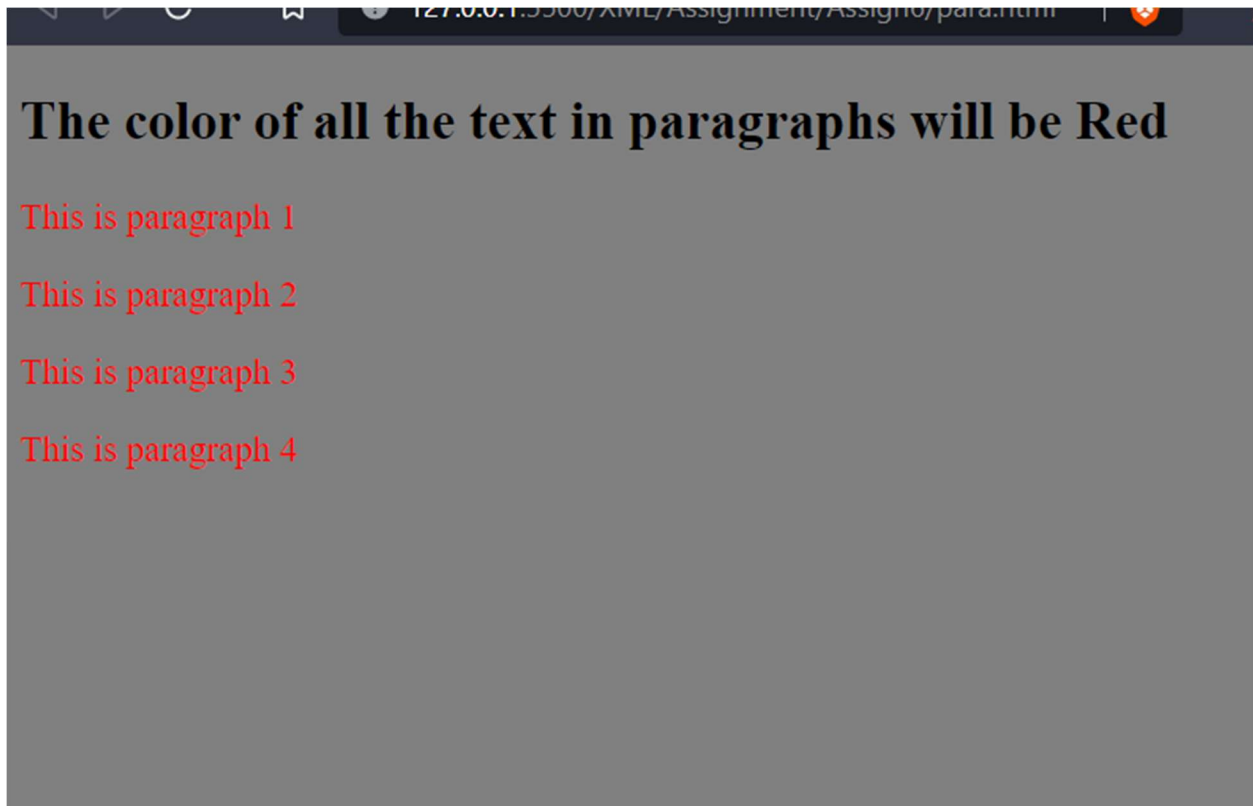
```
    <p>This is paragraph 3</p>
```

```
<p>This is paragraph 4</p>
```

```
</body>
```

```
</html>
```

Output:-



2: Set the color of the element with id="para1", to Red.

Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>CSS</title>
```

```
</head>
```

```
<style>
  /* setting the color of all paragraph to red */
  #para1{
    color: red;
  }
</style>
<body style="background-color: gray;;">
  <h2 style="color: lime;">The color of all the elements having id="para1" will be
  Red</h2>
  <p id="para1">This is paragraph 1</p>
  <p>This is paragraph 2</p>
  <p>This is paragraph 3</p>
  <p id="para1">This is paragraph 4</p>

  <h2 id="para1"> This is heading 2</h2>

  <hr id="para1">

  <h4 id="para1">Heading 4</h4>
</body>
</html>
```

Output:-

The color of all the elements having id="para1" will be Red

This is paragraph 1

This is paragraph 2

This is paragraph 3

This is paragraph 4

This is heading 2

Heading 4

3: Set the color of all the elements with the class="colortext", to Red.

Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <title>CSS</title>
```

```
</head>
```

```
<style>
```

```
  /* setting the color of all paragraph to red */
```

```
  .para1{
```

```
    color: red;
```

```
}
```

```
</style >
```

```
<body style="background-color: gray;;">
```

```
  <h2 style="color: lime;">The color of all the elements having class="para1" will  
be Red</h2>
```

```
    <p class="para1">This is paragraph 1</p>
```

```
    <p>This is paragraph 2</p>
```

```
    <p>This is paragraph 3</p>
```

```
    <p class="para1">This is paragraph 4</p>
```

```
    <hr class="para1">
```

```
    <h4 class="para1">Heading 4</h4>
```

```
</body>
```

```
</html>
```

Output:-

The color of all the elements having class="para1" will be Red

This is paragraph 1

This is paragraph 2

This is paragraph 3

This is paragraph 4

Heading 4

4: Change the color all <p> and <h1> elements to Red. Group the selectors to minimize the code.

Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>

    <title>CSS</title>
</head>
<style>
    /* setting the color of all paragraph to red */
    p,h1{
        color: red;
    }
</style >
<body style="background-color: gray;;">
    <h2 style="color: lime;">The color of all "p" and "h1" elements will be Red</h2>
    <p >This is paragraph 1</p>
    <p>This is paragraph 2</p>
    <h1>Heading 1</h1>
    <p>This is paragraph 3</p>
    <h1>Another Heading 1</h1>
    <p >This is paragraph 4</p>
    <h2>Heading 2</h2>
    <h3>Heading 3</h3>
```

```
</body>
```

```
</html>
```

Output:-

The color of all "p" and "h1" elements will be Red

This is paragraph 1

This is paragraph 2

Heading 1

This is paragraph 3

Another Heading 1

This is paragraph 4

Heading 2

Heading 3

5: Add an external style sheet with the URL: "mystyle.css".

<html> Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <link rel="stylesheet" href="mystyle.css">
```

```
  <title>External CSS</title>
```

```
</head>
```

```
<body>
```

```
  <h1>Demonstration of external css</h1>
```

```
  <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Odio quibusdam  
  preferendis quo at ad voluptatum dolores voluptatem, dolore totam explicabo  
  quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.</p>
```

```
  <h2>Heading 2</h2>
```

```
</body>
```

```
</html>
```

<css> Code:-

```
h1{
```

```
  border: 3px solid lime;
```

```
  border-radius: 5px;
```



```
    color: red;  
}
```

```
p{  
    color: green;  
}
```

```
h2  
{  
    border: 3px dotted aqua;  
    border-radius: 5px;  
    background-color: gray;  
    color: lime;  
}
```

```
body  
{  
    border-radius: 3px;  
    background-color: rgb(66, 64, 64);  
}
```

Output:-

Demonstration of external css

Lorem ipsum dolor sit amet consectetur adipiscing elit. Odio quibusdam perferendis quo et ad voluptatum dolores voluptatem, dolore totam explicabo quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.

Heading 2

6:- Set the page background to red.

Code:-

<html> code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <link rel="stylesheet" href="mystyle.css">
```

```
  <title>External CSS</title>
```

```
</head>
```

```
<body>
```

```
  <h1>Demonstration of external css</h1>
```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Odio quibusdam  
perferendis quo at ad voluptatum dolores voluptatem, dolore totam explicabo  
quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.</p>
```

```
<h2>Heading 2</h2>
```

```
</body>
```

```
</html>
```

```
<css> code:-
```

```
h1{
```

```
border: 3px solid lime;
```

```
border-radius: 5px;
```

```
color: aqua;
```

```
}
```

```
p{
```

```
color: green;
```

```
}
```

```
h2
```

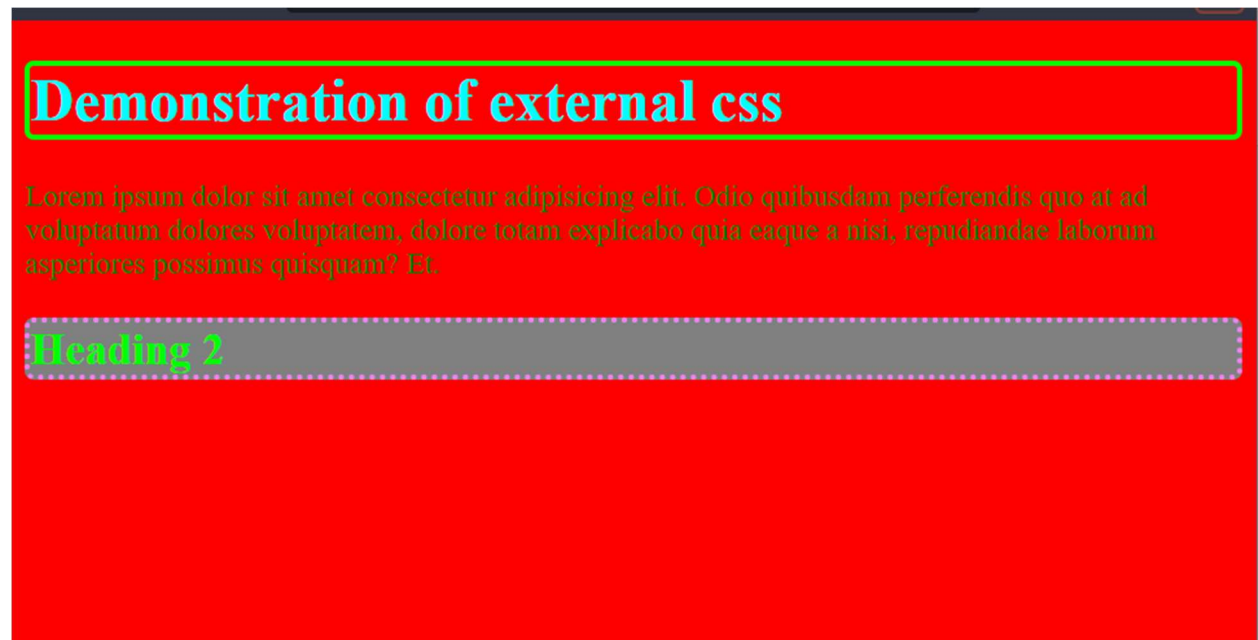
```
{
```

```
border: 3px dotted violet;
```

```
border-radius: 5px;
```

```
background-color: gray;
color: lime;
}
body
{
border-radius: 3px;
background-color: red;
}
```

Output:-



7:- Set the background color of the page to red by using the inline css.

code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <title>External CSS</title>
```

```
</head>
```

```
<body style="color: lime; background-color: red;">
```

```
  <h1>Demonstration of external css</h1>
```

```
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Odio quibusdam  
    preferendis quo at ad voluptatum dolores voluptatem, dolore totam explicabo  
    quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.</p>
```

```
  <h2>Heading 2</h2>
```

```
</body>
```

```
</html>
```

Output:-

Demonstration of external css

Lorem ipsum dolor sit amet consectetur adipisicing elit. Odio quibusdam perferendis quo at ad voluptatum dolores voluptatem, dolore totam explicabo quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.

Heading 2

8:- Set the "paper.gif" as the background image of the page.

Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>External CSS</title>
```

```
</head>
```

```
<body style="background-image: url(paper.gif);">
```

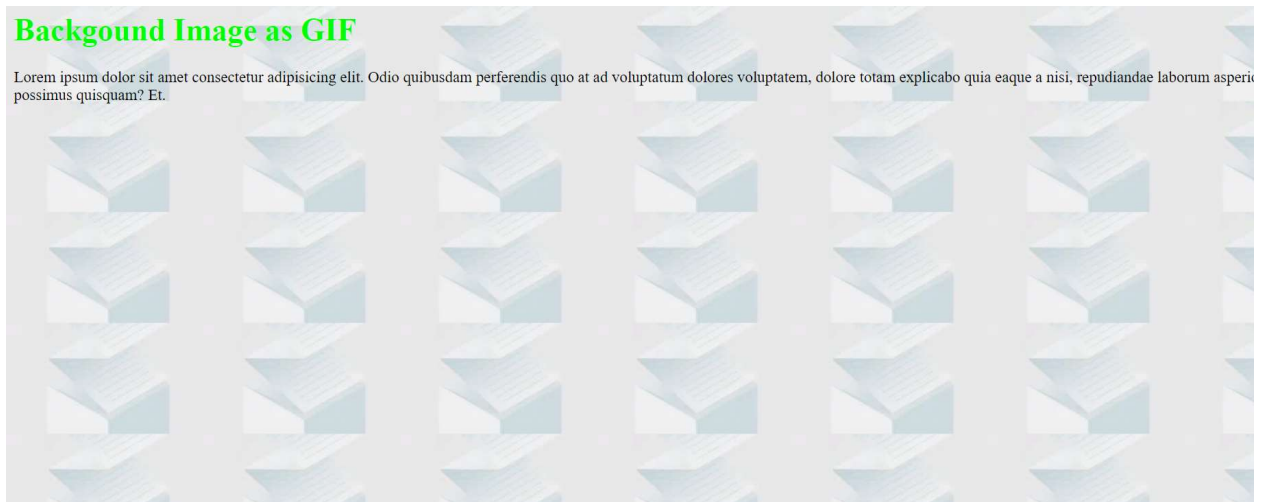
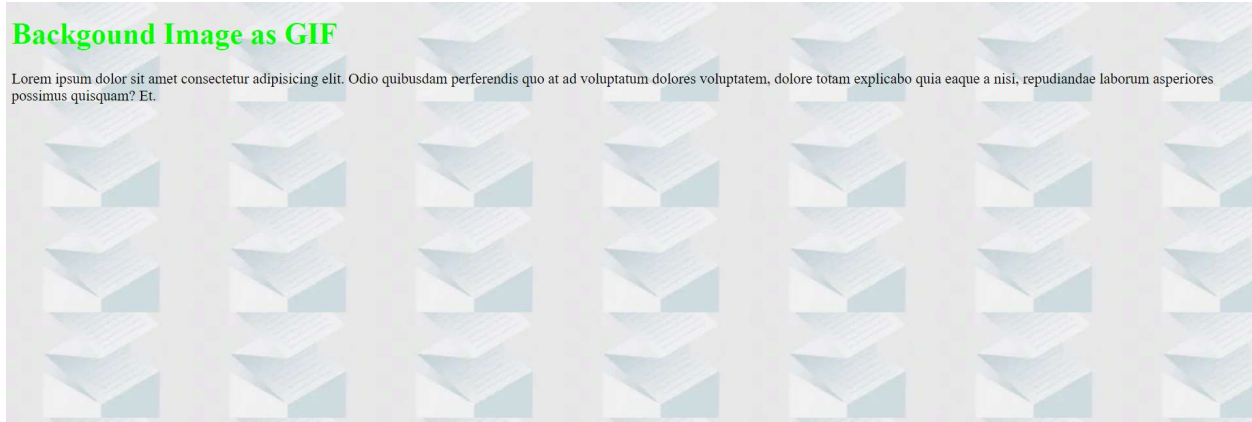
```
    <h1 style="color: lime;">Background Image as GIF</h1>
```

```
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Odio quibusdam  
perferendis quo at ad voluptatum dolores voluptatem, dolore totam explicabo  
quia eaque a nisi, repudiandae laborum asperiores possimus quisquam? Et.</p>
```

```
</body>
```

```
</html>
```

Output:-



9:- Set the background color of <h1> elements to “lightblue”.

Code:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <title>Internal CSS</title>
```

```
</head>
<style>
  h1{
    background-color: lightblue;
  }
</style>
<body style="background-color: gray;">

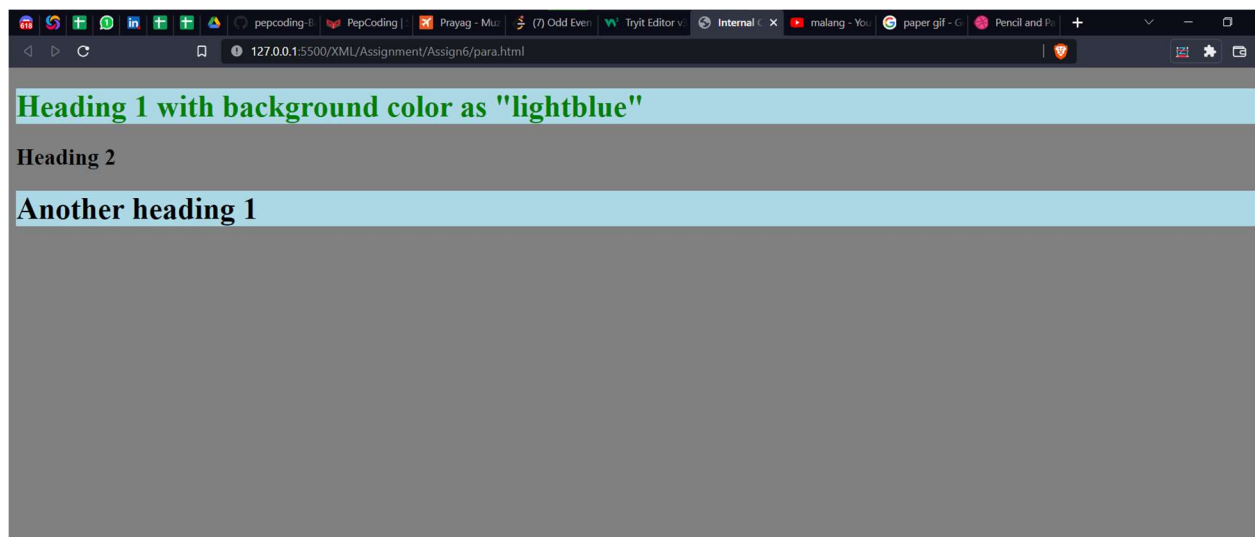
  <h1 style="color: green;">Heading 1 with background color as
  "lightblue"</h1>

  <h2>Heading 2</h2>

  <h1>Another heading 1</h1>

</body>
</html>
```

Output:-



10:- Make the background image repeat only vertically.

Code:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Internal CSS</title>
</head>
<style>
  h2{
    color: violet;
  }
</style>
<div>
<body style="background-image: url(nature.jpg); background-repeat: repeat-y;
background-position: 50%;">

  <h2>Vertically repeat <br>
    background image</h2>

</body>

</html>
```

Output:-

