CSS Backgrounds, Animation & Sprites

Q1.Create a HTML page which has a container div. This div should take height and width of the page.Add a fixed background image to this div which should cover the whole page and should not be repeated.

Ans.
  Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>animations</title>
  <style >

  html , body{
      height:100%;
  }
      .container {
              width: 100%;
              height: 100%;
              background-image: url("shortanime1.jpg");
              background-size: cover;
              background-position: fixed;
      }
  </style>
</head>
<body>
  <section class="container">

</section>

</body>
</html>
```
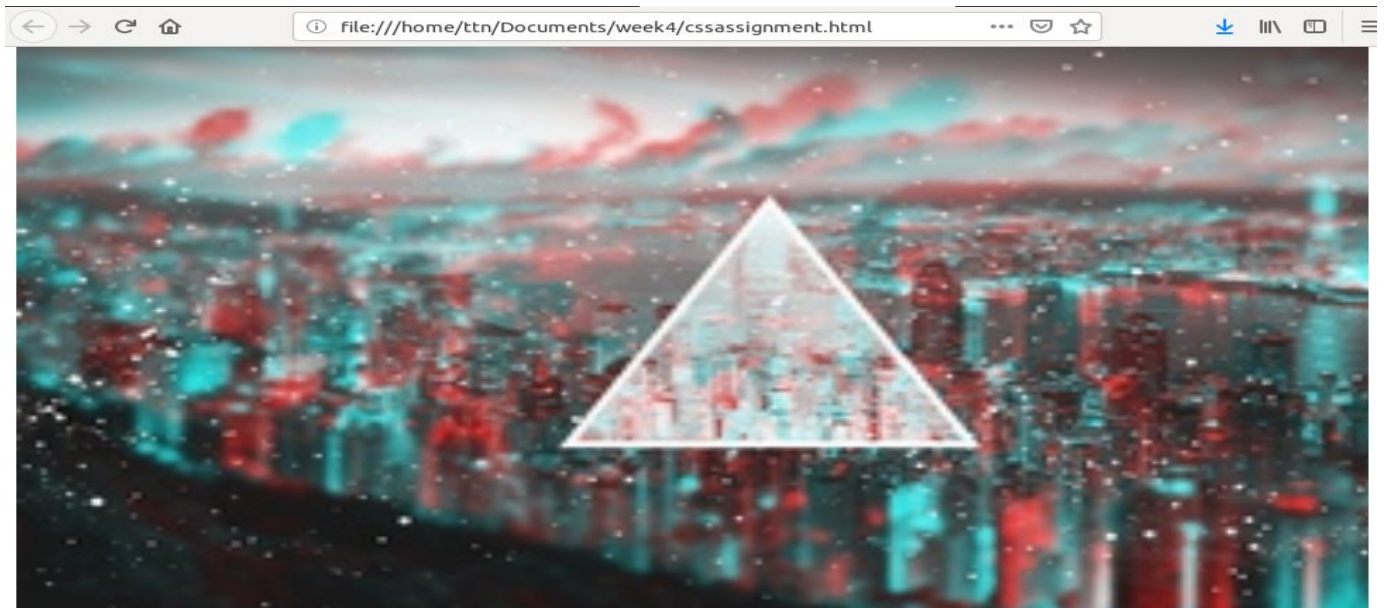
output:

Q2.Create a content div(height and width 500px respectively) inside the container Add a background image to the content div which should also be horizontally and vertically centered.

Ans.

Code:

```
 <!DOCTYPE html>

      <html>

      <head>

  <title>animations</title>

  <style >


  html , body{
```

```css
height:100%;

}


.container{

background-color: blue;

width: 600px;

height: 600px;

    padding-bottom: 50px;

    padding-top: 50px;


}
.content{

width: 500px;

height: 500px;

background-image: url("animation3.jpg");

background-repeat: no-repeat;

    margin: 0px 50px 0px 50px;


    }
Body{
```

margin: 250px 250px 250px 250px;

}

</style>

</head>

<body>

<section class="container">

<div class="content"></div>

</section>

</body

</html>

Output:

Q3.Add p tag inside the content div. The text of the p tag should overflow content height and therefore there must be a scroll on the content div. The background image of the content should scroll with the text.

Ans.

Code:

```
<!DOCTYPE html>

<html>

<head>

<title>animations</title>

<style >


  html , body{

  height:100%;

  }


  .container{

  background-color: blue;

  width: 600px;

  height: 500px;

   padding-bottom: 50px;
```

```css
    padding-top: 50px;

}
.content{
width: 500px;
height: 500px;
background-image: url("animation3.jpg");
background-attachment: local;
background-repeat: no-repeat;
margin: 0px 50px 0px 50px;
overflow: auto;
}
body{
margin: 250px 250px 250px 250px;
}
</style>
</head>
<body>
<section class="container">
<div class="content">
```

<p>

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cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non

proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

</p>

</div>

</section>

</body>

</html>

Output:

Q4.Add background color red to the p tag. The color should be a hex value.

Ans.

Code:

```html
<!DOCTYPE html>

<html>

<head>

<title>animations</title>

<style >


    html , body{

    height:100%;

    }


    .container{

    background-color: blue;

    width: 600px;

    height: 500px;

     padding-bottom: 50px;

     padding-top: 50px;


    }
    .content{

    width: 500px;
```

```
	height: 500px;

	background-image: url("animation3.jpg");

	background-attachment: local;

	background-repeat: no-repeat;

	margin: 0px 50px 0px 50px;

	overflow: auto;

	}
p{

 background-color: #FF0000;

	}


	body{

	margin: 250px 250px 250px 250px;

	 }
	</style>

	</head>

	 <body>

	<section class="container">

	 <div class="content">

	<p>
```

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cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non

proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

</p>

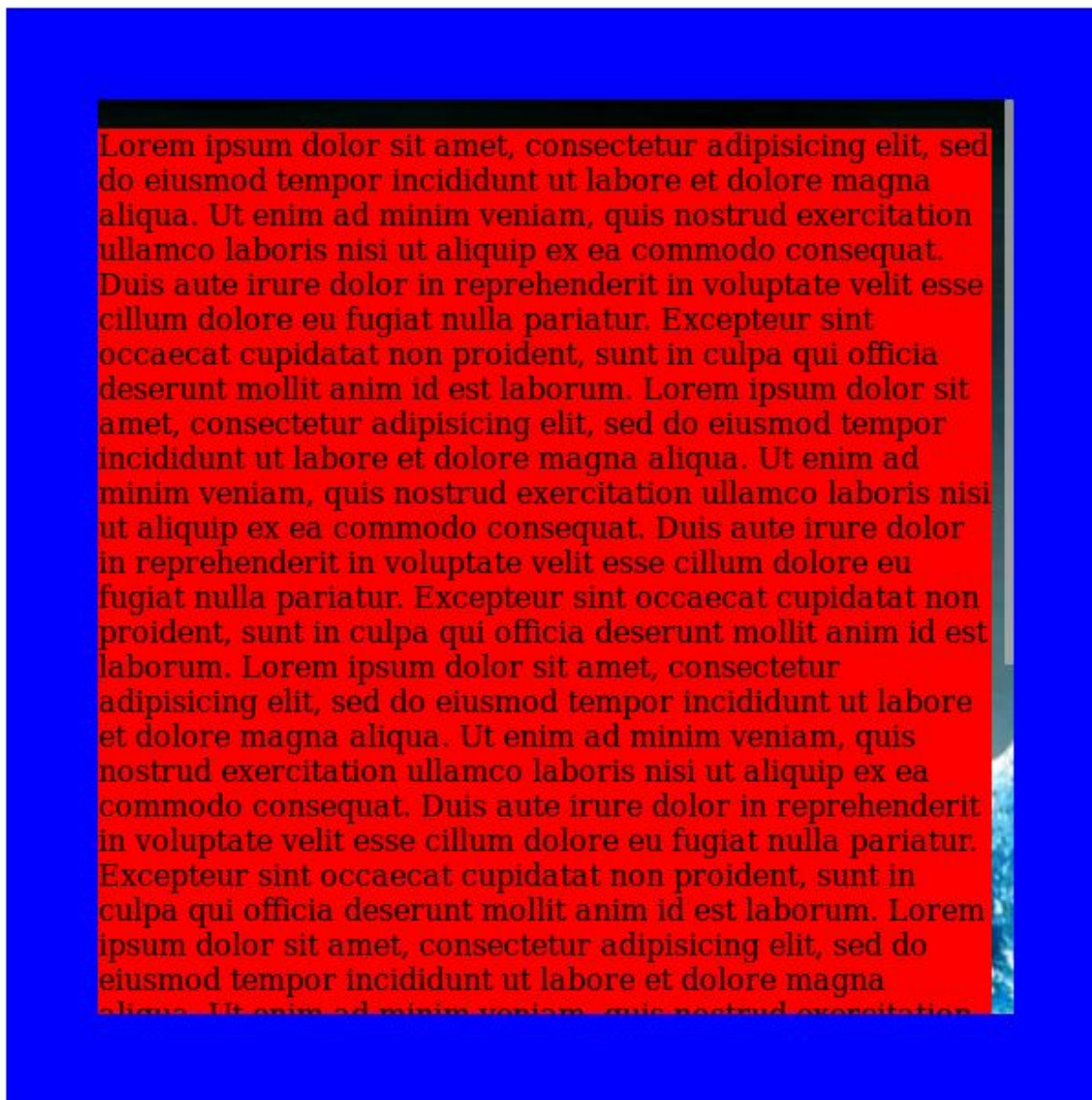</div>

</section>

</body>

</html>

Output:

Q5.Add a footer to the container div which should contain 3 span tags having background image of facebook , instagram and twitter icons in the same order as written.

Ans.

Code:

```html
<!DOCTYPE html>

<html>

<head>

<title>animations</title>

<style >


html , body{

height:100%;

}


.container{

background-color: blue;

width: 600px;

height: 500px;

    padding-bottom: 50px;

    padding-top: 50px;


}
.content{
```

```css
width: 500px;

height: 500px;

background-image: url("animation3.jpg");

background-attachment: local;

background-repeat: no-repeat;

    margin: 0px 50px 0px 50px;

    overflow: auto;

    }
p{

    background-color: #FF0000;

}

    body{

margin: 250px 250px 250px 250px;

    }


    footer{

    width: 1200px;

    height: 400px;


    }
```

```css
img{

width: 40px;

height: 40px;

}
```

```
</style>

</head>

<body>

<div class="container">

<footer>

<span class="facebook"> <img src="facebook.png"></span>

<span class="instagram"> <img src="insta2.jpg"></span>

<span class="twitter"><img src="twit.png"></span>

</footer>

</div>

</body>

</html>
```

Output:

Q6.Create a div with height and width 100px. Animate id twice for total 4 seconds. It should change the opacity of the element from 1 to 0 and then to 0.5. Animation should start after 3 seconds.

Ans.

Code:

```
<!DOCTYPE html>

<html>

<head>

<title>animation</title>

<style>

div{
```

```
height:100px;

width:100px;

background-color:black;

animation-name: example;

animation-duration: 4s;

animation-iteration-count: 4;

animation-delay: 2s;

}
@keyframes example {

0% {opacity:1 ;}

50% {opacity:0;}

75% {background-color: red;}

100%{opacity:0.5 ;}

}
</style>
</head>
<body>

    <div>

    </div>
</body>
```

Q7. Create a div with height 100px and width 200px respectively. It's background-color should be #ff00ff with a 1px solid border coloured #000. On active change it's height to 200px and width to 100px. Background-color should be #000 with a 2px solid border colored #ff00ff. Also scale it to thrice it's height and twice its width. The whole process should have transition for all the above mentioned properties which should run for 3 seconds

Ans.
Code:

```
<!DOCTYPE html>
<html>
<head>

<title>To The New</title>


<style>


div{
height:100px;
width:200px;
background-color:#ff00ff;
border:1px solid #000;
transition-property:width ,height,background-color,border;
transition-duration: 3s;
}

div:active {
height:200px;
width:100px;
background-color:#000;
border:2px solid #ff00ff;
transform: scale(2,3);


}
```

```html
</style>

</head>

<body>

<div class="container">
</div>

</body>

</html>
```