

LAB ASSIGNMENT 10

U24CS076

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<!-- 1. Center align the <div> element using margins. -->

```
<!DOCTYPE html>

<html>

<head>

<style>

body{

    height: 100%;

    width: 100%;

}

div{

    margin-left: 45%;

    margin-top: 25%;

    width: 300px;

    background-color: #b0e0e6;

}

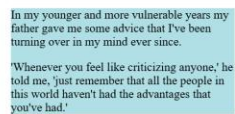
</style>

</head>

<body>

<div>
```

```
<p>In my younger and more vulnerable years my father gave me some  
advice that I've been turning over in my mind ever since.</p>  
<p>'Whenever you feel like criticizing anyone,' he told me, 'just remember that  
all the people in this world haven't had the advantages that you've had.'</p>  
</div>  
</body>  
</html>
```



In my younger and more vulnerable years my
father gave me some advice that I've been
turning over in my mind ever since.

'Whenever you feel like criticizing anyone,' he
told me, 'just remember that all the people in
this world haven't had the advantages that
you've had.'

```
<!-- 2. Position the <div> element all the way to the right using absolute  
positioning. -->
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
div {
```

```
width: 300px;
```

```
background-color: #b0e0e6;
```

```
position: absolute;
right: 0px;
}
</style>
</head>
<body>
<div>
<p>In my younger and more vulnerable years my father gave me some
advice that I've been turning over in my mind ever since.</p>
<p>'Whenever you feel like criticizing anyone,' he told me, 'just remember that
all the people in this world haven't had the advantages that you've had.'</p>
</div>
</body>
</html>
```

In my younger and more vulnerable years my father gave me some advice that I've been turning over in my mind ever since.

'Whenever you feel like criticizing anyone,' he told me, 'just remember that all the people in this world haven't had the advantages that you've had.'

```
<!-- 3. Change the color of all <p> elements, that are descendants of <div>
elements, to "red". -->
<!DOCTYPE html>
<html>
<head>
```

```
<style>
  div p{
    color: red;

  }
</style>
</head>
<body>
<div>
<p>This is a paragraph inside a div element.</p> <p>This is another
paragraph inside a div element.</p> <span><p>This a paragraph inside a span
element, inside a div element.</p></span>
</div>
<p>This is a paragraph, not inside a div element.</p> <p>This is another
paragraph, not inside a div element.</p>
</body>
</html>
```

This is a paragraph inside a div element.

This is another paragraph inside a div element.

This a paragraph inside a span element, inside a div element.

This is a paragraph, not inside a div element.

This is another paragraph, not inside a div element.

```
<!-- 4. Change the color of all <p> elements, that are immediate children of -->
<!-- <div> elements, to "red". -->
<!DOCTYPE html>
<html>
<head>
<style>
  div>p{
    color:red;

  }
</style>
</head>
<body>
<div>
<p>This is a paragraph inside a div element.</p> <p>This is another
paragraph inside a div element.</p> <span><p>This a paragraph inside a span
element, inside a div element.</p></span>
</div>
<p>This is a paragraph, not inside a div element.</p> <p>This is another
paragraph, not inside a div element.</p>
</body>
</html>
```

This is a paragraph inside a div element.

This is another paragraph inside a div element.

This a paragraph inside a span element, inside a div element.

This is a paragraph, not inside a div element.

This is another paragraph, not inside a div element.

```
<!-- 5. Change the color of the first <p> element that is directly after <div>
      elements, to "red". -->
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
  div>p:first-of-type {
```

```
    color: red;
```

```
  }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div>
```

```
<p>This is a paragraph inside a div element.</p>
```

```
<p>This is another
```

```
  paragraph inside a div element.</p>
```

```
<span>
  <p>This a paragraph inside a span element, inside a div
    element.</p>
</span>
</div>
<p>This is a paragraph, not inside a div element.</p>
<p>This is another
  paragraph, not inside a div element.</p>
</body>

</html>
```

This is a paragraph inside a div element.

This is another paragraph inside a div element.

This a paragraph inside a span element, inside a div element

This is a paragraph, not inside a div element.

This is another paragraph, not inside a div element.

```
<!-- 6. Change the color of <p> elements, that are the siblings of a <div>
  element, to "red". -->
<!DOCTYPE html>
<html>

<head>
  <style>
    div~p {
```

```
        color: red;
    }
</style>
</head>

<body>
    <div>
        <p>This is a paragraph inside a div element.</p>
        <p>This is another
            paragraph inside a div element.</p> <span>
            <p>This a paragraph inside a span
                element, inside a div element.</p>
            </span>
        </div>
        <p>This is a paragraph, not inside a div element.</p>
        <p>This is another
            paragraph, not inside a div element.</p>
    </body>

</html>
```

This is a paragraph inside a div element.

This is another paragraph inside a div element.

This a paragraph inside a span element, inside a div element.

This is a paragraph, not inside a div element.

This is another paragraph, not inside a div element.

<!-- 7. Set the background color for visited and unvisited links to "lightblue",
and the background color for the hover and active link states to
"yellow". -->

<!DOCTYPE html>

<html>

<head>

<style>

/* unvisited link */

a :link{

background-color: lightblue;

}

/* visited link */

a:visited {

background-color: lightblue;

}

/* mouse over link */

a:hover {

background-color: yellow;

}

/* selected link */

a:active {

background-color: yellow;

}

</style>

</head>

<body>

<h1>This is a Heading</h1>

<p>This is a paragraph.</p>

```
<p><a href="https://abc.com">abc.com</a></p>
</body>
</html>
```

This is a Heading

This is a paragraph.

abc.com

```
<!-- Set the background color of <p> elements, that are the first child of any
element, to "lightblue". -->
```

```
<!DOCTYPE html>
<html>
<head>
<style>
  p:first-child{
    color: lightblue;
  }
</style>
</head>
<body>
<p>This is a paragraph.</p>
<p>This is also a paragraph</p>
</body>
</html>
```

This is a paragraph.

This is also a paragraph

<!-- 9. Set the background color of <input> elements that are in focus
(clicked or active), to "lightblue". -->

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
  input:focus{  
    color:lightblue  
  }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<form action="/action_page.php" method="get"> First name: <input  
type="text" name="fname"><br> Last name: <input type="text"  
name="lname"><br> <input type="submit" value="Submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

First name:

Last name:

<!-- 10. Set text color to red, for the first line of the <p> element. -->

```
<!DOCTYPE html>

<html>

<head>

<style>

  p::first-line{

    color:red;

  }

</style>

</head>

<body>

<p>In my younger and more vulnerable years my father gave me some advice

that I've been turning over in my mind ever since. 'Whenever you feel like

criticizing anyone,' he told me, 'just remember that all the people in this world

haven't had the advantages that you've had.'</p>

</body>

</html>
```

In my younger and more vulnerable years my father gave me some advice that I've been turning over in my mind ever since. 'Whenever you feel like criticizing anyone,' he told me, 'just remember that all the people in this world haven't had the advantages that you've had.'

<!-- 11. Set the transparency/opacity of the element to “0.4”. (Use image saved in your device) -->

```
<!DOCTYPE html>

<html>

<head>

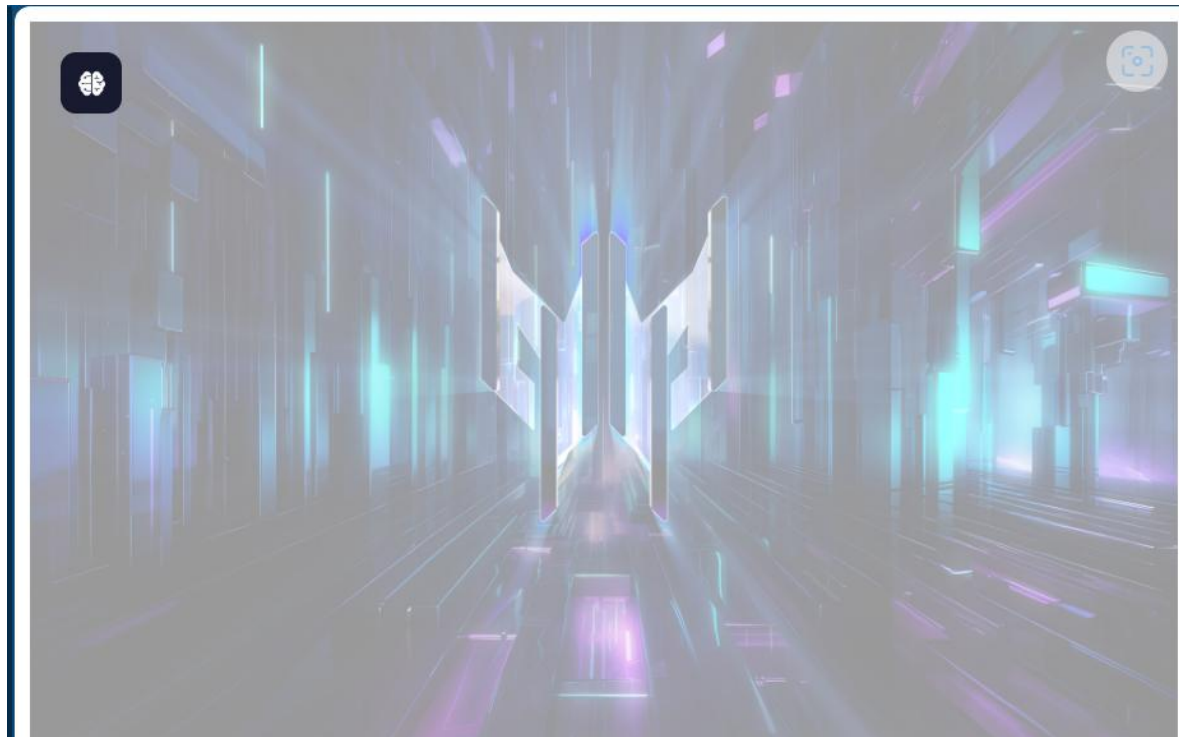
<style>

  img{
```

```
    opacity: 0.4;

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

</body>
</html>
```



<!-- 12. Remove the transparency/opacity of the element when the user hovers over it with the mouse pointer. -->

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
img{
  opacity: 0.4;
}
img:hover{
  opacity: 1;
}
</style>
</head>
<body>

</body>
</html>
```



```
<!-- 13. Add a scrollbar to the <div> element. -->
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
div {
```

```
    background-color: #eee;
```

```
    width: 1000px;
```

```
    height: 400px;
```

```
    border: 1px dotted black;
```

```
    overflow-y: scroll;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div>
```

```
<p>In my younger and more vulnerable years my father gave me some
```

```
advice that I've been turning over in my mind ever since.</p>
```

```
<p>'Whenever you feel like criticizing anyone,' he told me, 'just remember that
```

```
all the people in this world haven't had the advantages that you've had.'</p>
```

```
ente saepe quis harum vero odit aspernatur a, repellat quo neque? Eos et at, cum  
praesentium
```

```
voluptates eius harum dolores in expedita excepturi similique quae ad aliquam  
neque id suscipit quos illum
```

```
reprehenderit quia ipsa dolore consectetur? At consequuntur facere commodi  
nemo illo. Labore, ipsa, delectus
```

```
dolor eos dignissimos exercitationem distinctio enim numquam sapiente tempora  
est voluptatem voluptate, iusto
```

cum a! Atque saepe omnis ad. Molestias suscipit iste reiciendis libero? Inventore asperiores harum quod

repellendus voluptate, culpa at corporis libero dicta, nesciunt et temporibus recusandae dolor itaque quae vel!

Deserunt, ea voluptates earum placeat excepturi saepe quasi nostrum. Culpa hic neque laborum rem. Nihil

repudiandae distinctio magni doloremque ducimus, neque recusandae dolores vero quisquam soluta nemo blanditiis

explicabo!

</div>

</body>

</html>

In my younger and more vulnerable years my father gave me some advice that I've been turning over in my mind ever since.

'Whenever you feel like criticizing anyone,' he told me, 'just remember that all the people in this world haven't had the advantages that you've had.'

ente saepe quis harum vero odit aspernatur a, repellat quo neque? Eos et at, cum praesentium voluptates eius harum dolores in expedita excepturi similique quae ad aliquam neque id suscipit quos illum reprehenderit quia ipsa dolore consectetur? At consequuntur facere commodi nemo illo. Labore, ipsa, delectus dolor eos dignissimos exercitationem distinctio enim numquam sapiente tempora est voluptatem voluptate, iusto cum a! Atque saepe omnis ad. Molestias suscipit iste reiciendis libero? Inventore asperiores harum quod repellendus voluptate, culpa at corporis libero dicta, nesciunt et temporibus recusandae dolor itaque quae vel! Deserunt, ea voluptates earum placeat excepturi saepe quasi nostrum. Culpa hic neque laborum rem. Nihil repudiandae distinctio magni doloremque ducimus, neque recusandae dolores vero quisquam soluta nemo blanditiis explicabo!

<!-- 14. Add a horizontal scrollbar to <div>. -->

<!DOCTYPE html>

<html>

<head>

<style>

div {

background-color: #eee;


```

width: 150px;
height: 70px;
border: 1px dotted black;
white-space: nowrap;
overflow-x: scroll;
}
</style>
</head>
<body>
<div>
<p>In my younger and more vulnerable years my father gave me some
advice that I've been turning over in my mind ever since.</p>
</div>
</body>
</html>

```



```

<!-- 15. Position the <h1> element to always be 50px from the top, and 50px
from the right, relative to the window/frame edges. -->
<!DOCTYPE html>

```

```
<html>
```

```
<head>
```

```
<style>
```

```
h1 {
```

```
  color: red;
```

```
  position: fixed;
```

```
  top: 50px;
```

```
  right: 50px;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>This is a Heading</h1>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

This is a paragraph.

This is another paragraph.

This is a Heading