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COMPUTER ENGINEERING DEPARTMENT**

## Cascading Style Sheets

1. Develop and demonstrate the usage of inline, internal and external style sheet using CSS. Which style will be used when there is more than one style specified for an HTML element?
2. Write below code and understand id, selector and class elements.

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

body {
    background-color: lightblue;
}

/* only use .center */
p.center {
    text-align: center;
    color: red;
}

p.large {
    font-size: 300%;
}

#para1 {
    color: purple;
    background-color: pink;
}

/* if use p tg only every paragraph will be affected */

/* for universal you have to use "*" this before styling */

</style>
</head>
<body>
<p id="para1">Hello World!</p>
<h1 class="center">This heading will not be affected</h1>
<p class="center">This paragraph will be red and center-aligned.</p>
<p class="center large">This paragraph will be red, center-aligned, and
in a large font-size.</p>

</body>
</html>
```



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3. According to below box, there is a div and there is a text inside the div. By adding width, padding and border, we want to format the box as follows:



4. Create a hoverable link using the below code.

```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<body>

<h2>Link Button</h2>
<p>A link styled as a button:</p>
<a href=" https://www.atu.edu.tr/PagesTR/DefaultTR.aspx "
target="_blank">ATÜ</a>
</body>
</html>
```

5. Create a hoverable and zebra-striped table using below code. Collapse the border and change the width.

Company	Contact	Country
Microsoft	Bill Gates	ABD
Huawei	Ren Zhengfei	China
Apple	Steve Jobs	ABD
Facebook	Marc Zuckerberg	ABD
Opel	Adam Opel	Germany

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



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```
<head>
<style>
</style>
</head>
<body>

<table id="customers">
  <tr>
    <th>Company</th>
    <th>Contact</th>
    <th>Country</th>
  </tr>
  <tr>
    <td>Microsoft</td>
    <td>Bill Gates</td>
    <td>ABD</td>
  </tr>

  <tr>
    <td>Huawei</td>
    <td>Ren Zhengfei</td>
    <td>China</td>
  </tr>
  <tr>
    <td>Apple</td>
    <td>Steve Jobs</td>
    <td>ABD</td>
  </tr>
  <tr>
    <td>Facebook</td>
    <td>Marc Zuckerberg</td>
    <td>ABD</td>
  </tr>

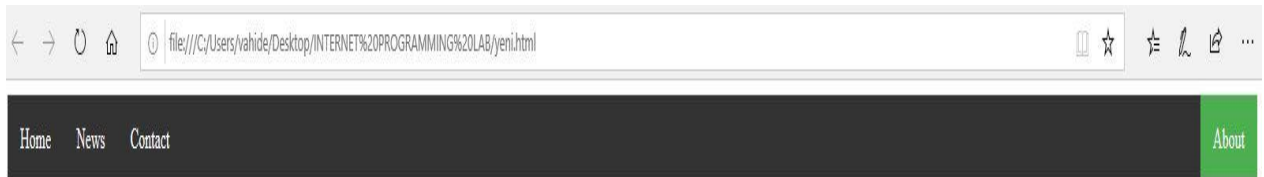
  <tr>
    <td>Opel</td>
    <td>Adam Opel</td>
    <td>Germany</td>
  </tr>
</table>

</body>
</html>
```



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6. You should create a navigation bar like below image. Your navigation bar contains home, news, contact and about parts. “About” background will have different color. Texts will be hoverable.



```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<body>

<ul>
  <li><a href="#home">Home</a></li>
  <li><a href="#news">News</a></li>
  <li><a href="#contact">Contact</a></li>
  <li style="float:right"><a class="active" href="#about">About</a></li>
</ul>

</body>
</html>
```



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7. Create a form like below.

A screenshot of a web form with three input fields and a submit button. The first field is labeled 'First Name' with a placeholder 'Your name..'. The second field is labeled 'Last Name' with a placeholder 'Your last name..'. The third field is labeled 'Country' with a dropdown menu showing 'Australia'. A green 'Submit' button is at the bottom.

```
<!DOCTYPE html>
<html>
<style>
</style>
<body>

<h3>Using CSS to style an HTML Form</h3>

<div>
  <form>
    <label for="fname">First Name</label>
    <input type="text" id="fname" name="firstname" placeholder="Your
name..">

    <label for="lname">Last Name</label>
    <input type="text" id="lname" name="lastname" placeholder="Your last
name..">

    <label for="country">Country</label>
    <select id="country" name="country">
      <option value="australia">Australia</option>
      <option value="canada">Canada</option>
      <option value="usa">USA</option>
    </select>

    <input type="submit" value="Submit">
  </form>
</div>

</body>
</html>
```



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8. Consider the following code of a responsive Bootstrap web page. Analyze and understand how the page automatically adapts to PC's, tablet's and phone's screens.

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <meta charset="utf-8" name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
          href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  </head>

  <body>

    <h1>Catalog of Products</h1>

    <div class="container-fluid">
      <div class="row" style="margin-bottom: 30px;">
        <div class="col-md-3 col-sm-6" style="background-color: #ff0000; height: 100px;">1.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #ffca11; height: 100px;">2.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #56ff25; height: 100px;">3.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #244cff; height: 100px;">4.
          Product</div>

        <div class="col-md-3 col-sm-6" style="background-color: #350000; height: 100px;">5.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #35ca11; height: 100px;">6.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #f199dd; height: 100px;">7.
          Product</div>
        <div class="col-md-3 col-sm-6" style="background-color: #5f4caa; height: 100px;">8.
          Product</div>
      </div>
    </div>
  </body>
</html>
```



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```
<div class="col-md-3 col-sm-6" style="background-color: #000000; height: 100px;">9.  
    Product</div>  
<div class="col-md-3 col-sm-6" style="background-color: #FF0011; height: 100px;">10.  
    Product</div>  
<div class="col-md-3 col-sm-6" style="background-color: #aaff25; height: 100px;">11.  
    Product</div>  
<div class="col-md-3 col-sm-6" style="background-color: #cc4cff; height: 100px;">12.  
    Product</div>  
</div>  
</body>  
</html>
```

9. Solve the question 5 (i.e. the hoverable and zebra-striped table) using the *.table-striped* and *.table-hover* Bootstrap classes.

10. Include an image of your choice and shape it to a circle form using the *.rounded-image* Bootstrap class.