AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering
Assignment Report

Course No: CSE3100
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Assignment No: 01

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Assignment No.1

Table of Contents:

- Designed a webpage as follows.
- Displayed all the prime numbers in a webpage using a table for a given range which is calculated through programming in PHP and applied different designing on the webpage using proper CSS.

Language Used:

- Html
- CSS
- PHP

(No.1) Designed a webpage as follows

Index.html

```
<!Doctype html>
<html lang="en">
<head>
      <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initialscale=1.0">
      <link rel="stylesheet" href="style.css">
      <title>My First Project</title>
</head>
<body>
      <div class="section">
            <h1>My First Project</h1>
            <div class="row">
            <div class="image">
                  <img src="img/img1.jpg" alt="project">
                  <h3>The Mind</h3>
                  <p>Photoshop,Print Design</p>
            </div>
                        <div class="image">
                  <img src="img/img2.jpg" alt="project">
                  <h3>The Police</h3>
                  <p>Illustration,Icons</p>
            </div>
                        <div class="image">
                  <img src="img/img3.jpg" alt="project">
                  <h3>The Glasses</h3>
                  <p>Typography,Illustrations</p>
            </div>
                        <div class="image">
                  <img src="img/img4.jpg" alt="project">
                  <h3>The Mind</h3>
                  <p>Photoshop,Icons</p>
```

```html
        </div>
                <div class="image">
            <img src="img/img5.jpg" alt="project">
            <h3>The Mind</h3>
            <p>Icons,Print Design</p>
        </div>
                <div class="image">
            <img src="img/img6.jpg" alt="project">
            <h3>The Mind</h3>
            <p>Illustration,Icons</p>
        </div>
</div>
    </div>
</body>
</html>
```

Style.css

```css
.section{
    box-sizing: border-box;
margin: auto;      width:
55%;        height: 980px;
border: 1px solid black;
    background-color: #F2F2F2;
}
h1{    text-align: center;
    font-size: 45px;
}

.image{
    margin-left:30px;        margin-
bottom: 20px;      float: left;    padding:
```

```css
2px;   height: 400px;      text-align:
center;       background-color: white;


}
.image img{
      width: 100%;
}
h3{
      text-align: center;
}
p{
      text-align: center;
      color: grey;
}
```
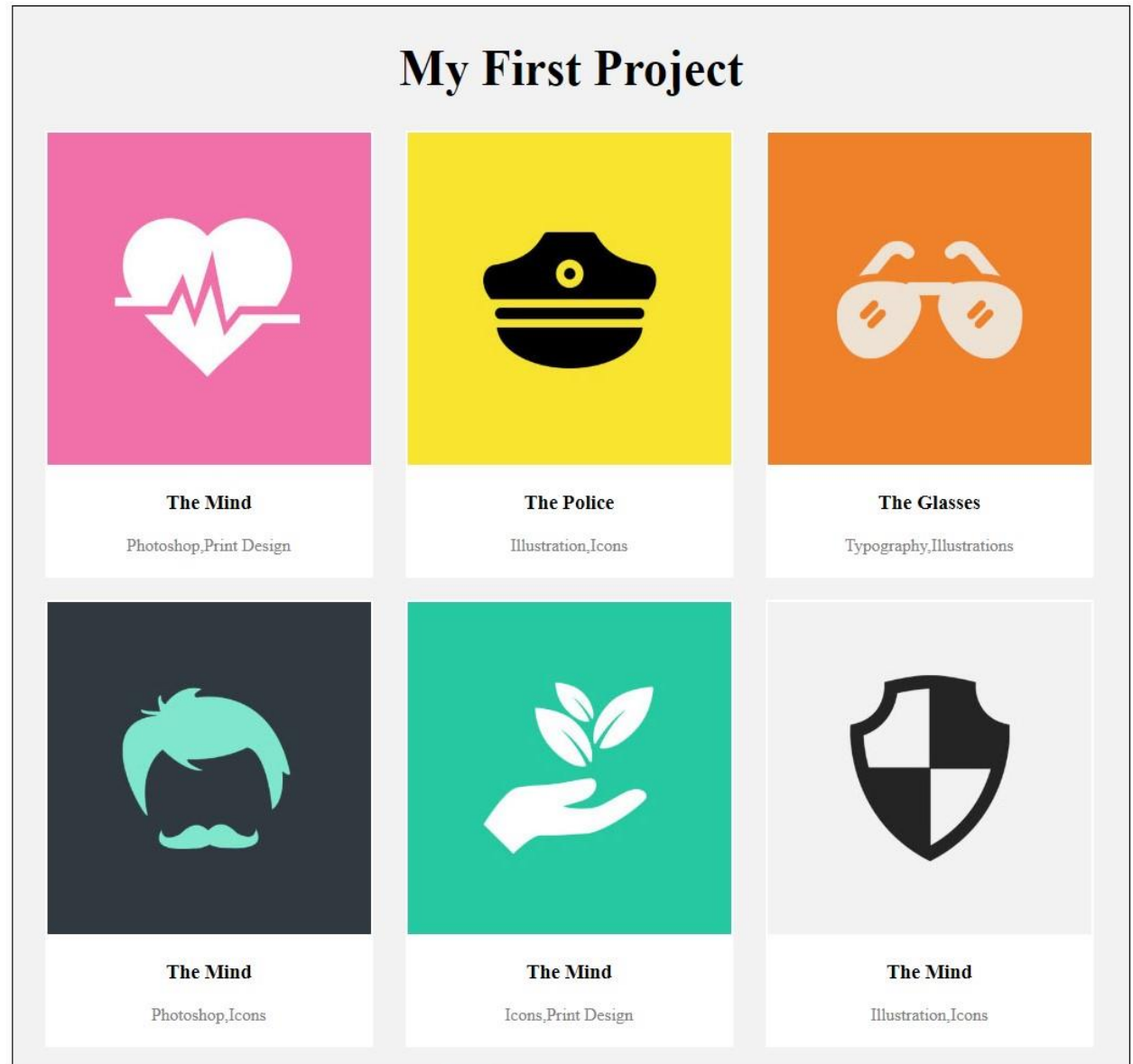
Output (No.1)

My First Project

The Mind

Photoshop,Print Design

The Police

Illustration,Icons

The Glasses

Typography,Illustrations

The Mind

Photoshop,Icons

The Mind

Icons,Print Design

The Mind

Illustration,Icons

(No.2) Displayed all the prime numbers in a webpage using a table for a given range which is calculated through programming in PHP and applied different designing on the webpage using proper CSS.

Index.php

```php
<!DOCTYPE html>
<html>
<head>
 <title>Prime Numbers</title>
 <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="container">
    <?php
    function isPrime($num) {
     if ($num < 2) {
       return false;
     }
     for ($i = 2; $i <= sqrt($num); $i++) {
if ($num % $i === 0) {
        return false;
      }
     }
     return true;
    }

    $start = 1;
    $end = 99;

    echo "<h2>Displaying Prime Numbers from $start to $end:</h2>";
echo "<table>";
    echo "<tr><th>Numbers</th><th>Prime Numbers?</th></tr>";
```

```php
    for ($num = $start; $num <= $end; $num++) {
        $primeClass = isPrime($num) ? 'prime' : '';        echo
"<tr><td>$num</td><td class='$primeClass'>" . (isPrime($num) ? 'Prime' :
'Not Prime') . "</td></tr>";
    }

    echo "</table>";
    ?>
    </div>
</body>
</html>
```

Style.css

```css
table {
margin: auto;
 }
 h2{
   text-align: center;
   color: white;
 }
 .container{
width: 800px;
margin: 0 auto;
   background-color: #70906f;

 }

 th,
 td {    padding:
8px;    text-align:
center;
   border: 1px solid black;
```

```css
  }
  tr{
    background-color: #d4d5d4;
  }
  .prime {    background-color:
#d86052;
    color: white;
  }
  .prime:hover{    background-
color: #6c937c;
  }
```

Output (No.2)

Displaying Prime Numbers from 1 to 99:

Numbers	Prime Numbers?
1	Not Prime
2	Prime
3	Prime
4	Not Prime
5	Prime
6	Not Prime
7	Prime
8	Not Prime
9	Not Prime
10	Not Prime
11	Prime
12	Not Prime
13	Prime
14	Not Prime
15	Not Prime
16	Not Prime
17	Prime
18	Not Prime
19	Prime
20	Not Prime
21	Not Prime