Name – Kiranpal Singh

Roll No - RKM018B45

Section – KM018 – INT219

Question 1:

Roll Number – 45

Solution:

My HTML Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <title>Document</title>
    <style>
        html {
            font-size: 20px;
            font-weight: 400;
            line-height: 1.125;
            color: #202011;
            font-family: Arial, Helvetica, sans-serif;
        }
```

```css
#main-body{
    position: relative;
    height: 500px;
}

#left-body{
    position: absolute;
    top: 150px;
    left: 150px;
    width: 500px;
}

#right-body {
    position: absolute;
    top: 60px;
    right: 110px;
}

#image1{
    height: 450px;
    width: 500px;
}

#title-bar{
    position: relative;
    height: 70px;
    padding-top: 15px;
}

#site-name{
    position: absolute;
    left: 50px;
}
#navigation-items {
    position: absolute;
    right: 300px;
}

.navigation-item-single {
    padding: 10px;
    color: #7f859d;
    font-weight: 600;
    font-size: 15px;
}
.navigation-item-single:hover {
    padding: 9px;
    color: #5f76d3;
```

```css
            font-weight: 700;
            font-size: 15px;
            cursor: pointer;
        }

        .site-heading{
            font-weight: bolder;
            font-size: 30px;

        }

        .myBtn {
            color: white;
            font-weight: 500;
        }

        #lines-div {
            position: relative;
            height: 30px;
        }

        #line1 {
            width: 40px;
            height: 2px;
            left: 5px;
            position: absolute;
        }
        #line2 {
            width: 20px;
            left: 50px;
            height: 2px;
            position: absolute;
        }
        #line3 {
            width: 5px;
            left: 75px;
            height: 2px;
            position: absolute;
        }


    </style>
</head>
<body>
    <div id="title-bar">
        <div id="site-name">
            <span class="site-heading" style="color: #15d0b9;">Dream</span>
            <span class="site-heading" style="color: #27c645;">Upper</span>
```

```html
        </div>
        <span id="navigation-items">
            <span class="navigation-item-single">Home</span>
            <span class="navigation-item-single">About</span>
            <span class="navigation-item-single">Services</span>
            <span class="navigation-item-single">Team</span>
            <span class="navigation-item-single">News</span>
        </span>
    </div>
    <div id="main-body">
        <div id="left-body">
            <div id="lines-div">
                <hr id="line1" style="color: #15d0b9;">
                <hr id="line2" style="color: #27c645;">
                <hr id="line3" style="color: #15d0b9;">
            </div>
            <h1>Start up your</h1>
            <h1>dream</h1>
            <p>Create your own business with our company. We will
                help you to make your dream true in several ways.
            </p>
            <button  class= "btn myBtn" style="background-color:
#15d0b9;">Start Now</button>
            <button class="btn myBtn" style="background-color: #27c645;">Learn
More</button>
        </div>
        <div id="right-body">
            <img id="image1" src="bodypic.PNG" alt="">
        </div>
    </div>

    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
    <script src="index.js"></script>
</body>
</html>
```

My Output Screenshot for Question 1:

Question 2. Create the following table using jQuery. The colors in different cells must be filled using jQuery only.

Solution:

My HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
```
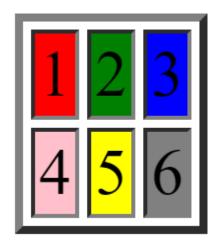
```html
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <title>Document</title>
    <style>
        body{margin: 100px;}
        p{margin-top: 10px;margin-bottom: 10px;}
        html {
            color: #202011;
            font-size: 100px;
            font-family: Arial, Helvetica, sans-serif;
            text-align: center;
        }
        table, td {
            border: 2px solid black;
            padding: 5px;
        }
        td{
            height: 200px;
            padding: 30px;
        }
        table {
            border-spacing: 10px;
        }
    </style>
</head>
<body>
    <table style="width:60%">
        <tr>
          <td id="cell1">1</td>
          <td id="cell2">2</td>
          <td id="cell3">3</td>
        </tr>
        <tr>
          <td id="cell4">4</td>
          <td id="cell5">5</td>
          <td id="cell6">6</td>
        </tr>
      </table>


    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
    <script>
        $("#cell1").css({
```

```
            "background-color":"red"
        })
        $("#cell2").css({
            "background-color":"green"
        })
        $("#cell3").css({
            "background-color":"blue"
        })
        $("#cell4").css({
            "background-color":"pink"
        })
        $("#cell5").css({
            "background-color":"yellow"
        })
        $("#cell6").css({
            "background-color":"gray"
        })
    </script>
</body>

</html>
```

My Output Screenshot for Problem 2:

Question 3. Insert a button inside a div. Use jQuery to rotate the div upon the click of a button with a transition duration of 2s

Solution:

My HTML Code for problem 3

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <title>Document</title>
    <style>
        body{margin: 30px;}
        p{margin-top: 10px;margin-bottom: 10px;}
        html {
            font-size: 20px;
            font-weight: 400;
            line-height: 1.125;
            color: #202011;
            font-family: Arial, Helvetica, sans-serif;
        }
        div{
            margin: 200px 50px;
            padding: 50px;
            border: 3px solid rgb(221, 66, 66);
            border-radius: 5px;
        }
        button{
            display: block;
            margin: 0 auto;
```
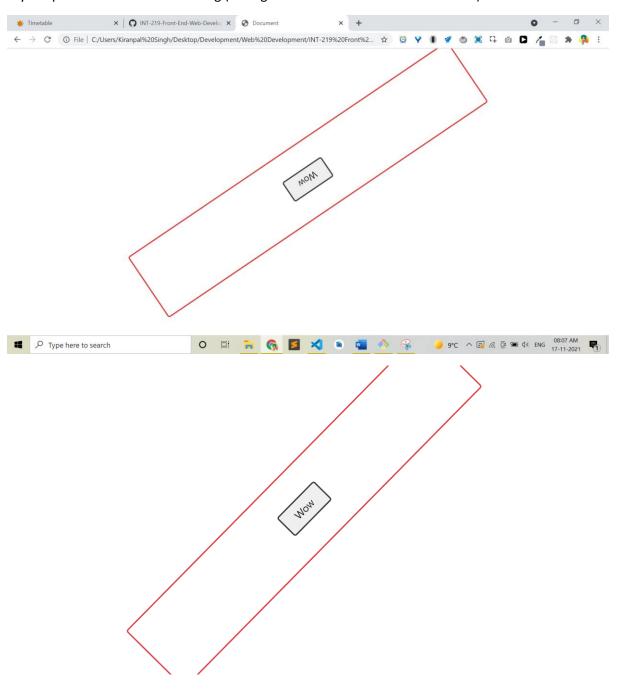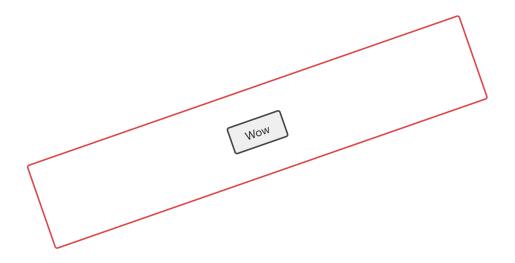
```
                height: 50px;
                width: 100px;
                border-radius: 5px;
                border: 3px solid rgb(66, 63, 63);
            }
        </style>
    </head>
    <body>
        <div id="div1">
            <button id="button1">
                Wow
            </button>
        </div>

        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>
        <script>
            $("#button1").on("click",function(){
                $("#div1").css({
                    "transform": "rotate(720deg)",
                    "transitionDuration" : "2s"
                });
            });
        </script>
    </body>

</html>
```

My Output Screenshot before click:

My Output Screenshot after clicking (during two seconds of transition duration)

Wow

Wow