

WEB PROGRAMMING LAB

WEEK – 4

REG. NO. - 220962262

NAME - RAYAAN MOHAMMAD SALEM

ROLL NO. - 40

CLASS - AIML B

Question 1

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>vroom</title>
  <style>
    table {
      width: 50%;
      margin: 50px auto;
      border-collapse: collapse;
    }

    th, td {
      padding: 10px;
      text-align: center;
      border: 1px solid #000;
    }

    tr:nth-child(odd) {
      background-color: #f2f2f2;
    }

    tr:nth-child(even) {
      background-color: #ffffff86;
    }

    .move-container {
      display: flex;
      align-items: center;
```

```
    overflow: hidden;
    position: relative;
    width: 100%;
    margin-top: 30px;
}
```

```
table, img {
    transition: transform 1s;
}
```

```
img {
    width: 500px;
    height: auto;
    margin-left: 20px;
}
```

```
button {
    display: block;
    margin: 100px auto;
    padding: 10px 20px;
    font-size: 16px;
    cursor: pointer;
}
```

```
</style>
```

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
```

```
<script>
```

```
$(document).ready(function(){
    $("#moveButton").click(function(){
        $(".move-container").animate({
            left: "-110%"
        }, 2000);
    });
});
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<button id="moveButton">Move Table and Image</button>
```

```
<div class="move-container">
```

```
<table>
```

```
<tr>
```

```
<th>Neighbouring Countries</th>
```

```

        <th>Good Countries</th>
        <th>Also Good Countries</th>
    </tr>
    <tr>
        <td>Nepal</td>
        <td>United Arab Emirates</td>
        <td>Pakistan</td>
    </tr>
    <tr>
        <td>Sri Lanka</td>
        <td>India</td>
        <td>Bangladesh</td>
    </tr>
    <tr>
        <td>Bangladesh</td>
        <td>Rwanda</td>
        <td>China</td>
    </tr>
</table>

</div>
</body>
</html>

```

Output:



Move Table and Image

Neighbouring Countries	Good Countries	Also Good Countries
Nepal	United Arab Emirates	Pakistan
Sri Lanka	India	Bangladesh
Bangladesh	Rwanda	China



Question 2

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Basic Calculator</title>
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
  <style>
    body {
      font-family: Arial, sans-serif;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
      background-color: SteelLightBlue;
    }

    .wrap {
      display: flex;
      flex-direction: column;
      align-items: center;
      justify-content: center;
      text-align: center;
    }

    h2 {
      margin-bottom: 20px;
      display: block;
    }

    .calculator {
      background-color: #fff;
      padding: 20px;
      border-radius: 10px;
      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
      width: 350px;
      text-align: center;
    }
```

```
    margin-top: 20px;
}

.calculator input {
    width: 80%;
    padding: 10px 10px 10px 10px;
    font-size: 20px;
    margin-bottom: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
.calculator button {
    width: 50px;
    height: 50px;
    font-size: 20px;
    margin: 5px;
    border: none;
    border-radius: 5px;
    background-color: #f0f0f0;
    cursor: pointer;
}
```

```
.calculator button.operator {
    background-color: #b0c4de;
}
```

```
.calculator button.equals {
    background-color: #28a745;
    color: white;
}
```

```
.calculator button.clear {
    background-color: #dc3545;
    color: white;
}
```

</style>

</head>

<body>

<div class="wrap">

<h2>Simple Calculator</h2>

<div class="calculator">

```

<input type="text" id="display" disabled>
<div>
  <button>1</button>
  <button>2</button>
  <button>3</button>
  <button class="operator">+</button>
</div>
<div>
  <button>4</button>
  <button>5</button>
  <button>6</button>
  <button class="operator">-</button>
</div>
<div>
  <button>7</button>
  <button>8</button>
  <button>9</button>
  <button class="operator">*</button>
</div>
<div>
  <button>0</button>
  <button class="clear">C</button>
  <button class="equals">=</button>
  <button class="operator">/</button>
</div>
</div>
</div>

<script>
$(document).ready(function() {
  // Append clicked button value to the display
  $('button').not('.clear, .equals').on('click', function() {
    $('#display').val($('#display').val() + $(this).text());
  });

  // Clear the display when 'C' button is clicked
  $('.clear').on('click', function() {
    $('#display').val("");
  });

  // Calculate result when '=' button is clicked
  $('.equals').on('click', function() {

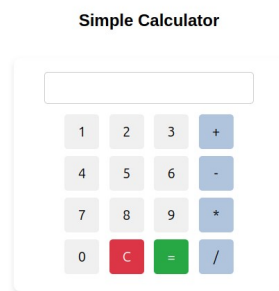
```

```

    try {
        var result = eval($('#display').val());
        $('#display').val(result);
    } catch (e) {
        $('#display').val('Error');
    }
});
});
</script>
</body>
</html>

```

Output:



Question 3

Code:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Birthday Card Customizer</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <style>
        body {
            font-family: Arial, sans-serif;

```

```
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    background-color: #f0f0f0;
    margin: 0;
}

.container {
    display: flex;
    width: 80%;
    justify-content: space-between;
}

.left-side {
    flex: 1;
    margin-right: 30px;
}

.right-side {
    flex: 1;
    display: flex;
    justify-content: center;
    align-items: center;
}

.card {
    width: 300px;
    height: 400px;
    border: 5px double black;
    padding: 20px;
    text-align: center;
    position: relative;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    background-color: #f0e68c;
}

.card-text {
    font-size: 24px;
```



```

    margin-bottom: 20px;
}

.cake-img {
    width: 50%;
    height: auto;
    display: block;
    margin: 0 auto;
}
</style>
</head>
<body>
<div class="container">
    <div class="left-side">
        <h2>Customize Your Birthday Card</h2>

        <label for="background-color">Background Color:</label>
        <select id="background-color">
            <option value="#ffffff">White</option>
            <option value="#ffcccb">Pink</option>
            <option value="#add8e6">Light Blue</option>
            <option value="#90ee90">Light Green</option>
            <option value="#f0e68c" selected>Yellow</option>
            <option value="#b0c4de">Steel Light Blue</option>
        </select><br><br>

        <label for="font">Choose a Font:</label>
        <select id="font">
            <option value="Arial">Arial</option>
            <option value="Verdana">Verdana</option>
            <option value="Tahoma">Tahoma</option>
        </select><br><br>

        <label>Border Style:</label><br><br>
        <input type="radio" id="none" name="border-style" value="none">
None<br>
        <input type="radio" id="double" name="border-style" value="double"
checked> Double<br>
        <input type="radio" id="solid" name="border-style" value="solid">
Solid<br><br>

        <label for="add-picture">Add Default Picture (Cake):</label>

```

```

<input type="checkbox" id="add-picture" checked><br><br>

<label for="greeting-text">Greeting Text:</label>
<input type="text" id="greeting-text" value="Happy Birthday and Many
More"><br><br>

<button id="submit">Apply Changes</button>
</div>

<div class="right-side">
  <div class="card" id="birthday-card">
    <div class="card-text" id="card-text">Happy Birthday and Many
More</div>
    
  </div>
</div>
</div>

<script>
$(document).ready(function() {
  $('#cake-image').show();

  $('#submit').on('click', function() {
    var backgroundColor = $('#background-color').val();
    $('#birthday-card').css('background-color', backgroundColor);

    var font = $('#font').val();
    $('#card-text').css('font-family', font);

    var selectedBorder = $('input[name="border-style"]:checked').val();
    if (selectedBorder === 'none') {
      $('#birthday-card').css('border', 'none');
    } else {
      $('#birthday-card').css('border', '5px ' + selectedBorder + ' black');
    }

    if ($('#add-picture').prop('checked')) {
      $('#cake-image').show();
    } else {
      $('#cake-image').hide();
    }
  });
});

```

```
        var greetingText = $('#greeting-text').val();
        $('#card-text').text(greetingText);
    });
});
</script>
</body>
</html>
```

Output:

