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<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Multiplication Table</title>

  <!-- jQuery Mobile -->
  <link rel="stylesheet"
href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">
  <script src="http://code.jquery.com/jquery-1.11.3.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>

  <link rel="stylesheet" href="css/main.css">
  <script type="text/javascript" src="js/multiscript.js"></script>

</head>

<body>
  <div data-role="page">
    <div data-role="header">
      <h1>Multiplication Table</h1>
    </div>

    <div data-role="content">
      <!-- DATA INPUT FOR ROWS -->
      <label for="nTerms"> Terms</label>
      <input type="range" name="nTerms" id="nTerms" min="1" max="9"
placeholder="1">

      <!-- BUTTON -->
      <button onclick="makeIt()">Create a Multiplication Table</button>

      <!-- CREATE A MULTIPLICATION TABLE -->
      <table id="outputTable"></table>

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

</html>

```

```

function makeIt() {
    // Collect the input values
    var nTerms = document.getElementById("nTerms").value;

    // Make the table
    // Task 1: Remove the rows, if the table contains any
    removeRows();

    var mTable = document.getElementById("outputTable");
    // Task 2: Add rows for each term in the multiplication
    for (var r = 1; r <= nTerms; r++) {
        // Add a new row to the table element
        var row = mTable.insertRow();

        // Construct each of the row data columns
        for (var c = 1; c <= nTerms; c++) {
            var value = r * c;
            var dataCell = row.insertCell();
            dataCell.innerHTML = value;
        }
    }
}

function removeRows() {
    var mTable = document.getElementById("outputTable");

    while (mTable.rows.length > 0) {
        mTable.deleteRow(-1);
    }
}

```