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| CLASS : BE VII [S7] | | SUBJECT : JavaScript | |
| EXPT. NO.: 2 | Roll No.: 42372 | | DATE: |
|  | | | |
| CODE : | | | |
| <!DOCTYPE html>  <html>  <head>  <title>Multiplication Table</title>  <script src="assignment\_2.js"></script>  </head>  <body>  <h2>Multiplication Table</h2>  <label for="number">Enter a number: </label>  <input type="number" id="numberInput">  <button onclick="displayMultiplicationTable()">Generate Table</button>    <h3>Using for loop:</h3>  <div id="forLoopTable"></div>  <h3>Using while loop:</h3>  <div id="whileLoopTable"></div>  <h3>Using do-while loop:</h3>  <div id="doWhileLoopTable"></div>  </body>  </html>  \_\_\_\_\_\_\_\_\_\_\_\_JAVAS\_SCRIPT\_\_\_\_\_\_\_\_\_\_CODE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  function displayMultiplicationTable() {  const number = parseInt(document.getElementById("numberInput").value);    // Using for loop  let forLoopTableHTML = "<table>";  for (let i = 1; i <= 10; i++) {  forLoopTableHTML += `<tr><td>${number}</td><td>\*</td><td>${i}</td><td>=</td><td>${number \* i}</td></tr>`;  }  forLoopTableHTML += "</table>";  document.getElementById("forLoopTable").innerHTML = forLoopTableHTML;    // Using while loop  let whileLoopTableHTML = "<table>";  let j = 1;  while (j <= 10) {  whileLoopTableHTML += `<tr><td>${number}</td><td>\*</td><td>${j}</td><td>=</td><td>${number \* j}</td></tr>`;  j++;  }  whileLoopTableHTML += "</table>";  document.getElementById("whileLoopTable").innerHTML = whileLoopTableHTML;    // Using do-while loop  let doWhileLoopTableHTML = "<table>";  let k = 1;  do {  doWhileLoopTableHTML += `<tr><td>${number}</td><td>\*</td><td>${k}</td><td>=</td><td>${number \* k}</td></tr>`;  k++;  } while (k <= 10);  doWhileLoopTableHTML += "</table>";  document.getElementById("doWhileLoopTable").innerHTML = doWhileLoopTableHTML;  } | | | |
| OUTPUT : | | | |
| A screenshot of a math test  Description automatically generated | | | |