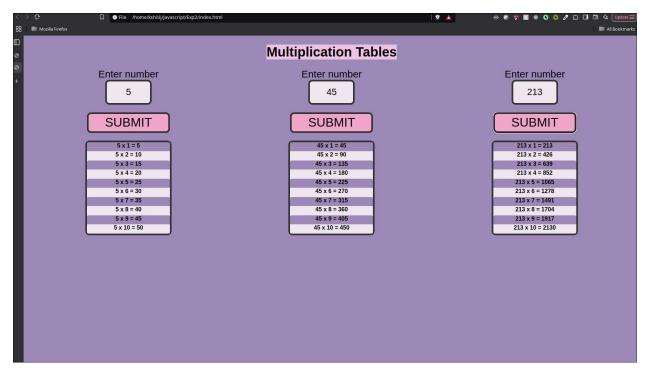
Experiment 2
Roll no: 42405
Batch: Q6

## **Output:**



## Code:

## 1. HTML:

```
<!DOCTYPE html>
<html lang="en">
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <!-- Logic Sits here -->
   <script src=tables.js></script>
   <!-- Visuals Sit here -->
   <link rel="stylesheet" href="styles.css">
   <title>Tables</title>
</head>
<body>
   <h1 id="title">Multiplication Tables</h1>
   <div class="row-format">
        <div class="block">
        <label id="label"> Enter number </label>
                <input id="in_for" type="number"></input><br>
        <button id="btn_for" onclick="table_with_for()"> Submit </button>
```

```
<div class="table">
          </div>
       </div>
       <div class="block">
          <label id="label"> Enter number </label>
              <input id="in_while" type="number"></input><br>
          <button id="btn_while" onclick="table_with_while()"> Submit
</button>
          <div class="table">
              </div>
       </div>
       <div class="block">
       <label id="label"> Enter number </label>
              <input id="in_dowhile" type="number"></input><br>
</buttonsbutton id="btn_dowhile" onclick="table_with_dowhile()"> Submit
       <div class="table">
          </div>
       </div>
   </div>
</body>
</html>
```

## 2. Javascript:

```
// For CSS
let ll = "lightline";
let dl = "darkline";
function table_with_for() {
  let n = Number(document.getElementById("in_for").value);
  let full_text = "";
  for (let i = 1; i <= 10; i++) {
    let text = \$\{n\} \times \$\{i\} = \$\{n * i\}\;
    let line = (i % 2 == 0) ? ll : dl;
    let final_line = `<h3 id="${line}">` + text + "<br>";
    full_text += final_line;
  document.getElementById("table_for").innerHTML = `${full_text}`
}
function table_with_while() {
  let n = Number(document.getElementById("in_while").value);
  let full_text = "";
  let i = 1;
  while (i <= 10) {
    let text = \$\{n\} \times \$\{i\} = \$\{n * i\}\;
    let line = (i % 2 == 0) ? ll : dl;
    let final_line = `<h3 id="${line}">` + text + "<br>";
    full_text += final_line;
```

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```
i++;
}
document.getElementById("table_while").innerHTML = `${full_text}`
}
function table_with_dowhile() {
  let n = Number(document.getElementById("in_dowhile").value);

let full_text = "";
  let i = 1;
  do {
    let text = `${n} x ${i} = ${n * i}`;
    let line = (i % 2 == 0) ? ll : dl;
    let final_line = `<h3 id="${line}">` + text + "<br>";

full_text += final_line;
    i++;
} while (i <= 10);
document.getElementById("table_dowhile").innerHTML = `${full_text}`
}</pre>
```