**Multiplication Table:**

Note : CSS is pre-coded and doesn't need to be explained.

Multiplication table

User enters a number and gets the multiplication of the number.

**Code :**

**<body>**

**<div class="container">**

**<h3>Multiplication Table</h3>**

**<input type="number" id="number" placeholder="Enter the number"><button onclick="table()">Get Table</button>**

**<div>**

**<p>1\*1=1</p>**

**<p>1\*2=2</p>**

**<p>1\*3=3</p>**

**<p>1\*4=4</p>**

**<p>1\*5=5</p>**

**<p>1\*6=6</p>**

**<p>1\*7=7</p>**

**<p>1\*8=8</p>**

**<p>1\*9=9</p>**

**<p>1\*10=10</p>**

**</div>**

**</div>**

**</body>**

**<script>**

**function table() {**

**var num = document.getElementById("number").value; // get id from number value**

**for (i = 1; i <= 10; i++) {**

**document.getElementsByTagName("p")[i - 1].innerText = num + "\*" + i + "=" + num \* i;**

**}**

**}**

**function select() {**

**//Query Selector**

**let result = document.querySelector("p"); //first p tag select**

**result.style.fontSize = "25px";**

**}**

**function select\_all() {**

**//Query Selector all**

**let result = document.querySelectorAll("p"); //**

**//query selector all ouput in object format there need to iterate**

**//using for in loop**

**for(i in result){**

**console.log(result[i])**

**result[i].style.fontSize = "25px";**

**}**

**}**

**select()**

**</script>**

**Dynamic Table creation:**

HTML tag create using js code

<body>

<div class="container">

<h3>Multiplication Table</h3>

<input type="number" id="number" placeholder="Enter the number"><button onclick="table()">Get Table</button>

<div>

</div>

</div>

</body>

<script>

function table(){

let num = document.getElementById("number").value // get value from input box

let tag = document.getElementsByTagName("div")[1] //stored tag inside a variable

tag.innerHTML = ""; //clear element from div tag

for (i=1;i<=10;i++){

let element = document.createElement("p")

tag.append(element)

let text = document.createTextNode(num + "\*" + i + "=" + num\*i)

element.append(text)

}

}

</script>