

Coding Problem 1

Q. Write down the program to print the table of given number using for loop

Solution Code:

```
let n = 8

for(let i = 1; i <= 10; i++) {
  console.log(`${n} * ${i} = ${i * n}`);
}
```

Coding Problem 2

Q. Create an HTML file and display the current date in the H1 tag using JavaScript.

Solution Code:

```
<!doctype html>
<html lang="en">
  <head>
    <title>Current date</title>
  </head>
  <body>
    <H1 id="date-div"></H1>
  </body>
  <script>
    let d = new Date()
    document.getElementById("date-div").innerText = `${d}`;
  </script>
</html>
```

Coding problem 3

Q. Write down the program for a counter app. Create a button, on click of that button the count should increase and that count should be updated and displayed on the HTML page. There should be another Reset button that would reset the count to 0. Do use functions for incrementCount and resetCount also use functions with parameters and return statements in JavaScript.

Screenshot - Default case :

0



Screenshot - Incremented case :

4



Solution Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>counter</title>
  <script>
    let count = 0;
    function incrementCount() {
      count = addTwoNumbers(count, 1);
      displayUpdatedCount(count)
    }
    function addTwoNumbers(num1, num2) {
      let ans = num1 + num2;
      return ans
    }
    function resetCount() {
```

```
    count = 0;
    displayUpdatedCount(count)
  }
  function displayUpdatedCount(number) {
    document.getElementById("counter-text").innerText = number;
  }
</script>
</head>
<body>
  <h1 id="counter-text">0</h1>
  <button type="button" name="incrementBtn" onclick="incrementCount()">Add</button>
  <button type="button" name="resetBtn" onclick="resetCount()">Reset</button>
</body>
</html>
```