01.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script>

        console.log('Hello World');

    </script>

</body>

</html>

02.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script>

        document.write('Hello World');

    </script>

</body>

</html>

03.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script>

        alert("Hello, World!");

        </script>

</body>

</html>

04.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script>

        var numberOne = 400;

        var numberTwo = 230;

        var sum = numberOne+numberTwo;

        document.write(numberOne+ " + "+numberTwo + " = " +sum);

    </script>

</body>

</html>

05.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    Number one and number two product : <p id="product"> </p>

    <script>

        function product(numOne, numTwo) {

            return numOne \* numTwo;

        }

        document.getElementById("product").innerHTML = product(120, 213);

    </script>

</body>

</html>

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Task 02.

**GetElementById()**

• Var demo=document.getElementById(“heading”);

• It accepts the id as a partner value to locate that specific element.

• It returns a null value if no matching element is found in the document

• Return an element object that specifies for which id property matches with the specified string.

<!DOCTYPE html>

<html >

<head>

</head>

<body>

 <p id="demo">Sunera Sudaraka</p>

 <p id="bac">Sunera Sudaraka</p>

 <script>

document.getElementById("demo").style.color="blue";

document.getElementById("bac").style.backgroundColor="red";

</script>

</body>

</html>

**GetElementByClass()**

• Document.getElementByClassName().

• It take the name which is a string,as a parameter value that represents the class name(s)to match.In the case of multiple class names,it can be separated by whitespace.

• This method returns an array-like object of child-element that contains all the given class name(s),it will return an HTML Collection-an array-like structure containing the DOM elements that matched the query, that is needed to iterate through each element in the array to apply the style.

• It returns a lige HTML Collection,with the possible length as )if no matching elements are found in the document.

<!DOCTYPE html>

<html >

<head>

</head>

<body>

    <p>the first element with class="name":</p>

    <div class="name">Element1</div>

    <div class="name">Element2</div>

    <script>

    const collection = document.getElementsByClassName("name");

    collection[0].innerHTML = "Hello dear !";

    </script>

</body>

</html>