**Assignment-5**

**Name –** Pratik Yeole

**Batch –** B2

**Roll No. –** 61

**Title: Write a JavaScript program to reverse the elements of a given array**

**Assignment5.html :**

<head>

    <title>Array operations</title>

</head>

<script type="text/javascript" src="Assignment5.js"></script>

<body>

    <h1>Array operations:</h1>

    <table>

        <tr>

            <td colspan="4"><br><input type="number" id="num" placeholder="Enter a number:"></td>

        </tr>

        <tr>

            <td colspan="4"><button type="button" onclick="add\_element('num');">Add number</button></td>

        <tr>

            <td colspan="4"><input type="text" id='str' placeholder="Enter a string:"></td>

        </tr>

        <tr>

            <td colspan="4"><button type="button" onclick="add\_element('str');">Add string</button><br></td>

        </tr>

        <tr>

            <td colspan="4"><label id="array">Array: </label></td>

        </tr>

        <tr>

            <td colspan="4"><label id="result">Result: </label></td>

        </tr>

        <tr>

            <td><button type="button" onclick="reverse()">Reverse</button></td>

        </tr>

    </table>

</body>

</html>

**Assignment5.js** :

const arr = []

var i=0;

function add\_element(element\_type)

{

    if (element\_type=='num')

    {

        arr[i] = parseInt(document.getElementById("num").value)

    }

    else

    {

        arr[i] = document.getElementById("str").value

    }

    document.getElementById("array").innerHTML = "Array: "+arr

    i++

}

function reverse()

{

    const arr2 = []

    for (let j=i-1, k=0; j>=0; j-=1, k+=1)

    {

        arr2[j] = arr[k]

    }

    document.getElementById("result").innerHTML = "Result: "+arr2

}

**Output Page :**

