**WEB TECHNOLOGY LAB ASSIGNMENT-5**

**INDEX.HTML**

 <head>

        <title>Array operations</title>

        <link rel="stylesheet" href="css.css">

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

    </head>

    <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>

**---------------------------------------------------------------------------------------------------------**

**SCRIPT.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]

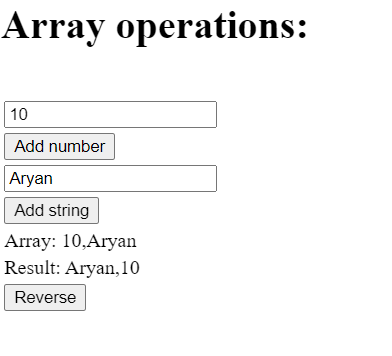
    }

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

}

**---------------------------------------------------------------------------------------------------------**

**OUTPUT :-**

****

**--------------------------------------------------------------------------------------------------------**