5 a) Write a JavaScript code to append static row to the table on click of button (DOM).

<!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>Demo8</title>

</head>

<body>

    <table border="2px" id="t">

        <tr>

            <th>Name</th>

            <th>Sub</th>

            <th>Marks</th>

        </tr>

        <tr>

            <td>A</td>

            <td>WTL</td>

            <td>20</td>

        </tr>

        <tr>

            <td>B</td>

            <td>DM</td>

            <td>30</td>

        </tr>

    </table>

    <br>

    <input type="button" value="Click" onclick="fn()"></input>

</body>

<script>

    function fn() {

        var x = document.getElementById('t');

        var tr1 = document.createElement('tr');

        var tc1 = document.createElement('td');

        var tc2 = document.createElement('td');

        var tc3 = document.createElement('td');

        var txtc1 = document.createTextNode('C');

        var txtc2 = document.createTextNode('DS');

        var txtc3 = document.createTextNode('50');

        tr1.appendChild(tc1);

        tr1.appendChild(tc2);

        tr1.appendChild(tc3);

        tc1.appendChild(txtc1);

        tc2.appendChild(txtc2);

        tc3.appendChild(txtc3);

        x.appendChild(tr1);

    }

</script>

5 b) Write a JavaScript code to append anchor tag that redirects to the new page.

<!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>

    <h2>MIT ADT UNIVERSITY</h2>

    <a href="http://mituniversity.ac.in/">Home</a><br>

    <a href="https://collegedunia.com/university/57115-mit-art-design-and-technology-university-mitadt-pune">About Us</a><br>

    <a href="https://www.shiksha.com/university/mit-adtu-pune-art-design-technology-university-51990">Contact Us</a><br>

    <br>

    <div id="Home">

        <h2>Home</h2>

        <p>

            MIT Art, Design & Technology University has successfully positioned itself as a New Generation University which is having an aspiration to produce Innovators, Business Leaders, Scientists, Social Transformers, and nation builders, coming

             from all walks of life.

            MIT-ADT University has been taking a holistic approach towards imparting education wherein the students are being

            motivated to build a complete winning personality that is “physically fit, intellectually sharp,

             mentally alert and spiritually elevated”.

             The students are being encouraged to participate in yoga,

              meditation, physical training, spiritual elevation, communication skills, and other personality

               development programs.</p></h>

    </div>

    <div id="About Us">

        <h2>About Us</h2>

        <img src="fee.jpg" width="450" height="450" align:center>

    </div>

    <div id="Contact Us">

        <h2>Contact Us</h2>

        <p>MIT Art,Design and Technology University</p>

    </div>

</body>

</html>

5 c) Write a JavaScript code to change the color of button with following events 1.Onmouseover 2. Onmouseout 3. Onclick

<!DOCTYPE html>

<html>

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>

    </title>

</head>

<body>

    <h1>Color change with events</h1>

    <input type="button" value="Click Me" onmouseover="func\_over()" onmouseout="func\_out()" onclick="func\_click()" id="b1">

    <script type="text/javascript">

        function func\_click()

        {

            document.getElementById("b1").style.backgroundColor="yellow";

            document.getElementById("b1").value="Yellow";

        }

        function func\_out()

        {

            document.getElementById("b1").style.backgroundColor="blue";

            document.getElementById("b1").value="Blue";

        }

        function func\_over()

        {

            document.getElementById("b1").style.backgroundColor="orange";

            document.getElementById("b1").value="Orange";

        }

    </script>

</body>

</html>

5 d) Write a Javascript code to change the background color of page onclick of array elements displayed as a list (utility.js)

<!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>

    <p id="d1"></p>

    <script src="utility.js"></script>

    <script>

        var d1 = document.getElementById("d1");

        var colour = ["red", "green", "blue"];

        var str = '';

        for (i = 0; i < colour.length; i++) {

            str += "<li>" + colour[i] + "\*" + i + "</li>";

        }

        d1.innerHTML += "<ul>" + str + "</ul>"

        EventUtil.addHandler(d1, "click", fun);

        function fun() {

            var x = event.target.innerHTML;

            var arr = x.split("\*");

            document.bgColor = arr[0];

        }

    </script>

</body>

</html>