**Assignment-2**

**Question-1)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Cube of Number</title>

</head>

<body>

    <p id="demo">

        <script>

            var cube=function(a){

                document.getElementById("demo").innerHTML=a\*a\*a;

            }

            cube(parseInt(prompt("Enter the number: ")));

        </script>

    </p>

</body>

</html>

**Question-2)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Temperature</title>

</head>

<body>

    <p id="demo">

        <script>

            function temperature(a){

                var choice=parseInt(prompt("Enter the user's choice: "));

                switch(choice)

                {

                    case 1: var CToF=(1.8\*a)+32;

                            document.getElementById("demo").innerHTML="The temperature in Fahrenheit is: "+CToF;

                            break;

                    case 2: var FToC=(a+32)\*(5/9);

                            document.getElementById("demo").innerHTML="The temperature in Celcius is: "+FToC;

                            break;

                }

            }

            temperature(parseInt(prompt("Enter the temperature: ")));

        </script>

    </p>

</body>

</html>

**Question-3)**

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Self-Invoking Function</title>

</head>

<body>

    <p>

        <script>

            (function(){

                alert("Hello JavaScript");

            })();

        </script>

    </p>

</body>

</html>