Sample JS codes shown in class

**Program 1**

<html>

<head>

<title>my sample input program</title>

<script type="text/javascript">

var x=window.prompt("enter value",0);

console.log(x);

alert(x);

</script>

</head>

</html>

**Program 2**

<html>

<head>

<title>my sample input program</title>

<script type="text/javascript">

function retrieve()

{

var x=document.getElementById("n").value;

console.log(x);

alert(x);

document.getElementById("n1").value=x;

document.getElementById("para").innerHTML=x;

document.write(x);

}

</script>

</head>

<body>

Enter no<input type="number" name="" id="n">

<input type="submit" name="" onclick="retrieve()">

<p id="para">Result is</p>

Result<output id="n1"></output>

</body>

</html>

**Program 3**

<html>

<head>

<title>my sample input program</title>

<script type="text/javascript">

function retrieve()

{

var x=document.getElementsByName("preferences");

var y="";

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

if(x[i].checked)

y=y+x[i].value;

}

document.getElementById("n1").value=y;

var z=document.getElementsByTagName("body");

document.body.style.backgroundColor="yellow";

}

</script>

</head>

<body>

C++<input type="checkbox" name="preferences" value="C++">

Java<input type="checkbox" name="preferences" value="Java">

Python<input type="checkbox" name="preferences" value="Python">

<input type="submit" name="" onclick="retrieve()">

<output id="n1"></output>

</body>

</html>

**Program 5 on let and var and typeof()**

<html>

<body>

<script>

console.log(i);

//console.log(x1);

console.log(typeof(1));

console.log(typeof('1'));

console.log(typeof(1.0));

console.log([]==[]);

var x=100;

function a()

{

var x=50;

let x1=50;

var x=150;

console.log("func a"+x);

}

a();

let x1=0;

//console.log(x);

for(let i=0;i<2;i++)

console.log(i);

console.log(i);

for(var i=0;i<2;i++)

console.log(i);

console.log(i);

const x=51;

//x=52;

//x=x+1;

console.log(x);

/\*for(const i=0;i<2;i++)

console.log(i);\*/

var z=100;

function b1()

{

z=500;

console.log("in func"+z);

}

b1();

//z=100;

console.log("out func"+z);

</script>

</body>

</html>