ADVANCE JAVASCRIPT ASSIGNMENT

**MODULE:- 1**

1. Write a program to Show an alert?

Ans. <!DOCTYPE html>

<html>

<head>alert</head>

<body>

<button onclick=”a()”>ALERT</button>

<script>

Function a(){

Alert(“this is alert message”)

}

</script>

</body>

</html>

2. What will be the result for these expressions?

(1) 5>4

Ans. True

(2) "apple" > "pineapple"

Ans. False

(3) "2" > "12"

Ans. True

(4) undefined == null

Ans. True

(5) undefined === null

Ans. False

(6) null == "\n0\n"

Ans. False

(7) null === +"\n0\n"

Ans. False

3. Will alert be shown?

if ("0") { alert( 'Hello'); }

Ans. Yes, the ‘alert’ will be shown. It’s a non-empty string, it considered truthy. Therefore, the code inside the curly braces will be executed.

4. What is the code below going to output? alert( null || 2 || undefined );

Ans. The ‘alert’ function will display ‘2’. Because null and undefined refers empty string.

5. The following function returns true if the parameter age is greater than 18. Otherwise it asks for a confirmation and returns its result:

function checkAge(age)

{ if (age> 18)

{ return true; }

else {

// ...return confirm (‘did parents allow you?');

}

}

Ans. <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Age</title>

</head>

<body>

<script>

function checkAge(age) {

if (age > 18) {

return true;

} else {

return confirm('Did parents allow you?');

}

}

checkAge(18)

</script>

</body>

</html>

6. Replace Function Expressions with arrow functions in the code below:

Function ask(question, yes, no)

{ if (confirm(question))yes();

else no();

}

ask("Do you agree?", function()

{ alert("You agreed."); },

function() {

alert("You canceled the execution."); }

}

Ans. <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Arrow</title>

</head>

<body>

<script>

var ask = (question, yes, no) => {

if (confirm(question)) yes();

else no();

}

ask("Do you agree?", () => {

alert("You agreed.");

},

() => {

alert("You canceled the execution.");

}

)

</script>

</body>

</html>