**Advance Javascript Module-1**

* **A program to show an alert**:

<!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>Alert message example</title>

</head>

<body>

    <h1>The Window Object</h1>

    <h2>The alert() method</h2>

    <p>Click the button to see an alert box.</p>

    <button onclick="myfun()">Click me</button>

    <script>

        function myfun(){

            alert("Successful!!!");

        }

    </script>

</body>

</html>

* **The result for the expressions**:

1. 5>4 : True
2. “apple”>”pineapple” : False
3. “2”>”12” :True
4. Undefined==null : True
5. Undefined===null :False
6. Null==”\n0\n” : False
7. Null===+”\n0\n” : False

* **Will alert be shown?**

**If(“0”) {alert(‘Hello’);}**

**Yes, it will.**

Any string except an empty one (and "0" is not empty) becomes true in the logical context.

* **What is the code below going to give output?**

**alert(null||2||undefined);**

Output:

2

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

**function checkAge(age)**

**{**

**If(age>18){return true;}**

**else{**

**//…return confirm(‘did parents allow you?’);**

**}**

**}**

Make two variants of checkAge:

1. Using a question mark operator?

Function checkAge(age){

Return(age>18)? True:confirm(‘Did parents allow you?’);

}

1. Using OR ||

Function checkAge(age){

Return(age>18) || confirm(‘Did parents allow you?’);

}

* **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.”);**

**}**

Answer:

Function ask(question, yes, no)

{

if(confirm(question))yes();

else no();

}

ask(

“Do you agree?”,

() => alert(“You agreed.”),

() => alert(“You canceled the execution.”)

);