**Advance Javascript**

**1 Write a program to Show an alert.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Document</title>

</head>

<body>

<input type="text" name="textbox" id="box">

<input type="submit" value="alert box" onclick="msg()">

<script>

function msg() {

alert('text some here');

}

</script>

</body>

</html>

**2. What will be the result for these 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

**3. Will alert be shown? if ("0") { alert( 'Hello');**

Ans:

if ("0")

{

alert( 'Hello' );

}

**Output: hello**

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

<!DOCTYPE html>

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

<title>Document</title>

</head>

<body>

<script>

alert(null || 2 || undefined)

</script>

</body>

</html>

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

Make two variants of checkAge:

1. Using a question mark operator ?
2. Using OR ||

Using a question mark operator '?':

function checkAge(age) {

return (age > 18) ? true : confirm('Did parents allow you?');

}

Using OR || (the shortest variant):

function checkAge(age) {

return (age > 18) || confirm('Did parents allow you?');

}

**6. Replace Function Expressions with arrow functions in the code below: Function ask (question, yes, no)**

<!DOCTYPE html>

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<title>Document</title>

</head>

<body>

<input type="button" value="confirm" onclick="ask()">

<script>

function 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>