**ADVANCE JAVASCRIPT**

**MODULE: 1 (Introduction and Code Quality)**

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

* <!DOCTYPE html>

<html>

<head>

<title>Alert Example</title>

</head>

<body>

<script>

alert("This is an alert!");

</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. 7. null === +"\n0\n" 🡺false**

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

**🡺 yes**

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

**🡺output is 2**

**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?'); } }**

**🡺function checkAge(age) {**

**if (age > 18) {**

**return true;**

**} else {**

**return confirm("Did parents allow you?");**

**}**

**}**

**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."); } }**

**🡺const ask = (question, yes, no) => {**

**if (confirm(question)) {**

**yes();**

**} else {**

**no();**

**}**

**};**

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

**alert("You agreed.");**

**}, () => {**

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