

MODULE: 1 (INTRODUCTION AND CODE QUALITY)

Assignment of Advance Javascript

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1.What will be the result for these expressions?

1. `5 > 4`

2. `"apple" > "pineapple"`

3. `"2" > "12"`

4. `undefined == null`

5. `undefined === null`

6. `null == "\n0\n"` 7.

7. `null === +"\n0\n"`

☐ `5 > 4` → true

`"apple" > "pineapple"` → false+

`"2" > "12"` → true

`undefined == null` → true

`undefined === null` → false

`null == "\n0\n"` → false `null`

`=== +"\n0\n"` → false

2.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.

3.What is the code below going to output?

`alert(null || 2 || undefined)`

☐ The answer is 2, that's the first truthy value.

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

```
}
```

```
function checkAge(age) { return (age > 18) ||  
confirm('Did parents allow you?'); }
```

5. 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.");  
}}}
```

```
○ function ask(question, yes, no) {  
if (confirm(question)) yes(); else  
no();  
}
```

```
ask(  
  "Do you agree?",  
  () => alert("You agreed."),  
  () => alert("You canceled the execution.")  
);
```