

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.")  
);
```