Answersheet

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Assignment : Comparison Operators in JavaScript

Result : Not reviewed yet

No. of questions attempted : 6

Total no. of questions : 6

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Total marks : 14

Sl. No.	Question	Actions
1	**What are comparison operators in JavaScript, and what do they do? Can you give an example?** 5 marks Comparison operators in JavaScript are used to compare two values and return a boolean result (true or false) based on the comparison. Example: const a = 5; const b = '5'; console.log(a == b); // true (value is the same, type is ignored) console.log(a == 6); // false (value is different)	Marks 0
2	**What is the difference between == and === in JavaScript comparison?** 5 marks == (Equal to): Compares only the value, not the type. === (Strictly equal to): Compares both the value and the type.	Marks 0
3	**What does the greater than or equal to operator (>=) do in JavaScript?** 1 mark 1. Checks if one value is greater than the other 2. Checks if one value is greater than or equal to the other 3. Checks if one value is less than the other	**Correct answer** 1 mark

4. Checks if one value is less than or equal to the other

4

What does the less than or equal to operator (<=) do in JavaScript?   1 mark

1. Checks if one value is greater than the other

2. Checks if one value is greater than or equal to the other   3. Checks if one value is less than the other

4. **Checks if one value is less than or equal to the other**

Correct answer

1 mark

5

What is the output of the following JavaScript code?   1 mark

console.log(5 > 6 > 7);

1. true   2. **false**   3. 7   4. NaN

Correct answer

1 mark

6

What is the output of the following JavaScript code?   1 mark

let a = 10;

let b = 5;

let c = "10";

console.log(a >= b);

console.log(a <= c);

console.log(b <= a);

console.log(c >= b);

1. **true true true true**   2. true true false true   3. false true true false   4. true false true false

Correct answer

1 mark