Answersheet

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No. of questions attempted : 6

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Assignment : JavaScript Variables Explained in Depth | let, const, var

Total no. of questions : 6

Total marks : 10

Result : Not reviewed yet

Sl. No.	Question	Actions
1	**What's the most basic difference between using let and const for creating variables in JavaScript?** 1 mark 1. **Variables declared with let can be reassigned, while variables declared with const cannot.** 2. Variables declared with const are scoped to the function level, while variables declared with let are scoped to the block level. 3. Variables declared with let have global scope, while variables declared with const have local scope. 4. Variables declared with const are automatically hoisted to the top of their scope, while variables declared with let are not.	**Correct answer** 1 mark
2	**What is the difference between using 'let' and 'var' for creating variables in JavaScript?** 1 mark 1. There is not difference between let and var both are same. 2. **let variables can not be accessed outside of a block while var variables can be accessed outside of a block**	**Correct answer** 1 mark

3. Variables declared with 'let' cannot be reassigned after initialization, while variables declared with 'var' can be reassigned.

4. None of the above

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3 **Try to Debug the code and see where is the error coming from and fix it. Then write the correct answer in the answer box.**   5 marks

const num = 5

num++

console.log(num + 5)

const num = 5 console.log(num + 5) Output: 10

Marks

0

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4 **Which of the following statements about variable naming rules in JavaScript is correct?**   1 mark

1. **Variable names cannot begin with a number.**

2. Variable names can include special characters such as @ or #

3. Variable names are case-insensitive.   4. Variable names can contain spaces.

Correct answer

1 mark

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5 **What is the recommended convention for naming variables in JavaScript?**   1 mark

1. **camelCase**   2. snake_case   3. PascalCase   4. kebab-case

Correct answer

1 mark

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6 **Which of the following variable names is invalid in JavaScript?**   1 mark

1. myVariable   2. _variableName   3. **123variable**   4. $variableName

Correct answer

1 mark