Answersheet

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Assignment : Data Types in JavaScript

Result : **Not reviewed yet**

No. of questions attempted : 12

Total no. of questions : 12

Submitted at : 9 Mar, 2025 4:59 PM

Total marks : 28

Sl. No.	Question		Actions
1	**Name all kinds of different data types in JavaScript.**	5 marks	Marks
	1 JavaScript Data Types 1. Primitive Data Types (7 types) 1. Number 2. String 3. Boolean 4. Undefined 5. Null 6. BigInt 7. Symbol 2. Non-Primitive Data Types (1 main type) 1. Object • Array • Function		0
2	**What is a 'string' data type in JavaScript? Can you give an example?**	5 marks	Marks
	When any word, letter, or sentence is enclosed in single quotes (' '), double quotes (" "), or backticks (``), it becomes a string. Example: console.log('Hello'); console.log(typeof 'Hello'); Output: Hello string		0
3	**What does the 'boolean' data type mean in JavaScript?**	1 mark	**Correct answer**
	1. It represents floating-point numbers 2. It represents whole numbers		1 mark
	3. **It represents true or false values** 4. It represents strings		
4	**What does the 'undefined' data type represent in JavaScript? And how it is different from 'null'?**	5 marks	Marks

undefined and null are almost the same because both represent the absence of a value. The only difference is: JavaScript automatically assigns undefined when a variable is declared but not assigned a value. null is manually assigned by the programmer to indicate an empty value. Example: let a; // JavaScript assigns undefined console.log(a); // undefined let b = null; // We assign null manually console.log(b); // null

0

5   What does the 'null' data type represent in JavaScript?   1 mark   **Correct answer**

1. It represents arrays   2. **It represents an absence of a value**   3. It represents functions

4. It represents true or false values

1 mark

6   What data type is used to assign any number in JavaScript?   1 mark   **Correct answer**

1. integer   2. float   3. **number**   4. double

1 mark

7   What is an example of non-primitive data type?   1 mark   **Correct answer**

1. string   2. undefined   3. **object**   4. boolean

1 mark

8   What is typeof null?   1 mark   **Correct answer**

1. null   2. undefined   3. primitive   4. **object**

1 mark

9   How would you convert a number to a string in JavaScript?   1 mark   **Correct answer**

1. Using the parseFloat() function   2. By concatenating with an empty string

3. Using the toString() method   4. **Both B and C**

1 mark

10 How would you convert a string to a number in JavaScript? | 1 mark

1. Using the toNumber() method
2. By concatenating with a number
3. Using the parseInt() or parseFloat() functions
4. By using the stringify() method

Correct answer

1 mark

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11 Which data type in JavaScript is used to represent large numbers? | 1 mark

1. Float
2. Double
3. Integer
4. BigInt

Correct answer

1 mark

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12 Create a large number using bigint. | 5 marks

```
console.log(9007199254740992n); // 9007199254740992n console.log(typeof 9007199254740992n); //
bigint
```

Marks

0