Answersheet

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Assignment: Destructuring in JavaScript   **Total no. of questions:** 7   **Total marks:** 19

Result: Not reviewed yet

Sl. No.	Question		Actions
1	**What is the purpose of object destructuring in JavaScript?** 1. To create variables to store values from arrays 2. To efficiently extract values from objects and arrays 3. To create objects to store values from arrays in a concise way 4. To create arrays to store values from objects in a concise way	1 mark	**Correct answer** 1 mark
2	**How do you use object destructuring in JavaScript?** 1. By using the '...' operator 2. By using the 'function' keyword 3. By using the 'return' keyword 4. None of the above	1 mark	**Correct answer** 1 mark
3	**When using object destructuring in JavaScript, what does it allow selective extraction of?**	1 mark	**Correct answer**

1. Only numeric values   2. Values based on their position in the object

3. **Values based on their keys in the object**   4. All values in the object

1 mark

4

```
const userProfile = {

  username: 'adarsh',

  email: 'adarsh@example.com',

  age: 17,

  country: 'India'

};

//Use object destructuring to extract the username and email properties from the userProfile object.

console.log(`Username: ${username}, Email: ${email}`);
```

5 marks

const userProfile = { username: 'adarsh', email: 'adarsh@example.com', age: 17, country: 'India' }; const {username2, email} = userProfile console.log(`Username: ${username2}, Email: ${email}`);

Marks

0

5

What will be the output of the following code snippet using object destructuring?

const { a, b, ...rest } = { a: 1, b: 2, c: 3, d: 4 };

console.log(a, b, rest);

1. **1 2 3 4**   2. **{ a: 1, b: 2 } { c: 3, d: 4 }**   3. **1 2 { c: 3, d: 4 }**   4. **Syntax Error**

1 mark

Correct answer

1 mark

6	**Write the code to destructure 'user name' property of the below object.**	5 marks	Marks
	Note: There is a space between user and name and that is not a mistake.		0
	const obj = {'user name': 'ProCodrr'}		
	const obj = {'user name': 'ProCodrr'} const {['user name']: userName} = obj console.log(userName)		

7	**Write the code to destructure 5th element of the fruits array directly without putting multiple commas and without destructuring other elements.**	5 marks	Marks
	const fruits = ['apple', 'banana', 'cherry', 'date', 'elderberry', 'fig', 'grape'];		0
	const fruits = ['apple', 'banana', 'cherry', 'date', 'elderberry', 'fig', 'grape']; const {4: fruit5} = fruits console.log(fruit5);		