MCQ - Full stack dev - 11-Feb-2023

Total points 12/25 ❓

Upskill India Jan 2023 Program.

Enter your registered email as per enrollment in Open Mentor portal or Naan Mudhalvan Portal   *

n/a

I swear on my country (motherland), I swear on my mother tongue, I swear on my family, that I will take this test sincerely and honestly.   *

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◉ I SWEAR.

Enter your Naan Mudhalvan Id, if applicable. Otherwise, enter N/A *

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✓ What is the difference between null and undefined in JavaScript? * 1/1

⦿ A. Undefined means a variable has been declared but has not been assigned a value, while null is a value assigned to a variable ✓

○ B. Null and undefined are the same

○ C. Undefined is a value assigned to a variable, while null means a variable has been declared but has not been assigned a value

○ D. None of the above

✓ What is a function in JavaScript? * 1/1

⦿ a. A reusable block of code that performs a specific task ✓

○ b. A data structure for storing values

○ c. A way to execute code in parallel

○ d. None of the above

✓ What is the difference between JSON.stringify() and JSON.parse() in JavaScript? * 1/1

⦿ A. JSON.stringify() converts a JavaScript object to a JSON string, while JSON.parse() converts a JSON string to a JavaScript object ✓

○ B. JSON.stringify() converts a JSON string to a JavaScript object, while JSON.parse() converts a JavaScript object to a JSON string

○ C. There is no difference between JSON.stringify() and JSON.parse()

○ D. None of the above

✕ **What is the purpose of the HTML <head> element? *** 0/1

⊙ A. To contain information about the document ✕

◯ B. To contain the main content of the document

◯ C. To contain metadata such as styles and scripts

◯ D. To contain information about the author

Correct answer

⊙ C. To contain metadata such as styles and scripts

✕ **What is JavaScript? *** 0/1

⊙ A. A server-side scripting language ✕

◯ B. A client-side scripting language

◯ C. A database management language

◯ D. None of the above

Correct answer

⊙ B. A client-side scripting language

✓ How do you declare a variable in JavaScript? * 1/1

- ⦿ A. var x; ✓
- ○ B. int x;
- ○ C. float x;
- ○ D. None of the above

✓ How do you add an element to a Set in JavaScript? * 1/1

- ⦿ a. set.add(element) ✓
- ○ b. set.push(element)
- ○ c. set.insert(element)
- ○ d. None of the above

✓ How do you add an element to the beginning of an array in JavaScript? * 1/1

- ⦿ A. array.unshift(element) ✓
- ○ B. array.shift(element)
- ○ C. array.push(element)
- ○ D. array.pop(element)

✕ What is JSON in JavaScript? * 0/1

- ◉ A. A server-side scripting language ✕
- ○ B. A lightweight data interchange format
- ○ C. A client-side scripting language
- ○ D. None of the above

Correct answer

- ◉ B. A lightweight data interchange format

✓ How do you define an arrow function in JavaScript? * 1/1

- ◉ a. Using the function keyword and the => operator ✓
- ○ b. Using the let keyword and the => operator
- ○ c. Using the var keyword and the => operator
- ○ d. None of the above

✓ What is the difference between a Set and an Array in JavaScript? * 1/1

- ◉ a. Sets store unique values, while arrays can store duplicate values ✓
- ○ b. Arrays store unique values, while sets can store duplicate values
- ○ c. Sets and arrays store values in different orders
- ○ d. There is no difference between a Set and an Array in JavaScript

✕ What is the value of x after executing the following code: var x = 5 + "5"; *   0/1

◉ A. 55   ✕

○ B. 10

○ C. "55"

○ D. Error

Correct answer

◉ C. "55"

✕ Which of the following is NOT a JavaScript data type? *   0/1

◉ A. Number   ✕

○ B. String

○ C. Object

○ D. Image

Correct answer

◉ D. Image

✓ How do you apply a CSS style to a specific element using a class selector? * 1/1

- ⦿ A. .classname {properties: values;} ✓
- ○ B. classname {properties: values;}
- ○ C. class {classname: properties: values;}
- ○ D. #classname {properties: values;}

✗ What is the return value of the existsSync method in JavaScript if the file or directory does not exist? *0/1

- ⦿ a. true ✗
- ○ b. false
- ○ c. undefined
- ○ d. None of the above

Correct answer

- ⦿ b. false

✓ What is the existsSync method used for in JavaScript? * 1/1

- ⦿ a. To check if a file or directory exists synchronously ✓
- ○ b. To check if a file or directory does not exist synchronously
- ○ c. To create a new file or directory synchronously
- ○ d. None of the above

✕ How do you round a number to two decimal places in JavaScript? *   0/1

○ a. Math.round(x, 2)   ✕

○ b. x.toFixed(2)

○ c. x.round(2)

○ d. None of the above

Correct answer

◉ b. x.toFixed(2)

✕ What module provides the createReadStream method in JavaScript? *   0/1

◉ a. The http module   ✕

○ b. The stream module

○ c. The fs module

○ d. None of the above

Correct answer

◉ c. The fs module

✕ How do you center an element horizontally using CSS? * 0/1

○ A. text-align: center; ✕

○ B. margin: 0 auto;

○ C. display: center;

○ D. align: center;

Correct answer

⦿ B. margin: 0 auto;

✕ How do you change the text color of an element using CSS? * 0/1

○ A. text-color: red; ✕

○ B. color: red;

○ C. font-color: red;

○ D. tcolor: red;

Correct answer

⦿ B. color: red;

✕ **What is a Set in JavaScript? ***   0/1

⊙ a. A collection of key-value pairs   ✕

○ b. A collection of unique values

○ c. A collection of ordered values

○ d. None of the above

Correct answer

⊙ b. A collection of unique values

✓ **How do you create a button in HTML? ***   1/1

⊙ A. <button>Button</button> (or) <input type="button" value="Button">   ✓

○ B. <input type="button" value="Button"> (or) <input type="submit" value="Button">

○ C. <input type="submit" value="Button"> (or) <input type="reset" value="Button">

○ D. <input type="reset" value="Button">

✕ How do you create an array in JavaScript? *   0/1

⊙ A. var myArray = "item1", "item2", "item3";   ✕

○ B. var myArray = ["item1", "item2", "item3"];

○ C. var myArray = (item1, item2, item3);

○ D. var myArray = {item1, item2, item3};

Correct answer

⊙ B. var myArray = ["item1", "item2", "item3"];

✕ What happens if a JavaScript function does not have a return statement? *   0/1

⊙ a. The function continues executing until it is manually stopped   ✕

○ b. The function throws an error

○ c. The function returns undefined

○ d. None of the above

Correct answer

⊙ c. The function returns undefined

- ⦿ A. An API for creating, reading, and writing files on the client-side ✓
- ◯ B. An API for creating, reading, and writing files on the server-side
- ◯ C. An API for creating, reading, and writing databases on the client-side
- ◯ D. None of the above

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