



JavaScript QUIZ

How much do you know about
JavaScript ?

Skills Test quiz

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1. What is the result of the expression `2 + '2'`?

- a) 4
- b) '22'
- c) 22
- d) 2

Answer: b) '22'

2. How do you declare a variable in JavaScript?

- a) v
- b) let
- c) variable
- d) var

Answer: b) let

3. What does the "typeof" operator do in JavaScript?

- a) Checks if a variable is defined
- b) Returns the type of a variable
- c) Converts a variable to a boolean
- d) Compares two variables

Answer: b) Returns the type of a variable

4. How is a single-line comment written in JavaScript?

- a) `/**/`
- b) `--`

- c) /* */
- d) //

Answer: d) //

5. Which keyword is used to prevent variable modification in JavaScript?

- a) lock
- b) protect
- c) freeze
- d) const

Answer: d) const

6. What does the "parseInt" function do?

- a) Parses a string and returns an integer
- b) Rounds a number to the nearest integer
- c) Returns the decimal part of a number
- d) Converts a string to uppercase

Answer: a) Parses a string and returns an integer

7. How do you concatenate two strings in JavaScript?

- a) str1.join(str2)
- b) str1 + str2
- c) concat(str1, str2)
- d) str1.combine(str2)

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Answer: b) str1 + str2

8. What is the purpose of the "push" method in JavaScript?

- a) Adds elements to the beginning of an array
- b) Adds elements to the end of an array
- c) Removes elements from an array
- d) Reverses the order of elements in an array

Answer: b) Adds elements to the end of an array

9. How do you declare a function in JavaScript?

- a) function myFunction()
- b) def myFunction()
- c) func myFunction()
- d) create myFunction()

Answer: a) function myFunction()

10. What is the difference between "==" and "===" in JavaScript?

- a) They are the same
- b) "==" compares values for equality with type coercion, and "===" compares values for equality without type coercion
- c) "===" compares values for equality with type coercion, and "==" compares values for equality without type coercion
- d) "==" is used for strict equality, and "===" is used for loose equality

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Answer: b) "==" compares values for equality with type coercion, and "===" compares values for equality without type coercion

11. How do you check if a variable is an array in JavaScript?

- a) isArray()
- b) isTypeOf('array')
- c) typeofArray()
- d) arrayCheck()

Answer: a) isArray()

12. What is the purpose of the "map" function in JavaScript?

- a) Iterates over the elements of an array and applies a function to each element
- b) Creates a new array with all elements that pass a test
- c) Filters the elements of an array based on a condition
- d) Reduces the array to a single value

Answer: a) Iterates over the elements of an array and applies a function to each element

13. Which keyword is used to declare a block-scoped variable in JavaScript?

- a) var
- b) let
- c) const
- d) block

Answer: b) let

14. What is a closure in JavaScript?

- a) A variable declared within a function
- b) A function inside another function that has access to the outer function's variables
- c) A way to close a function
- d) A type of loop

Answer: b) A function inside another function that has access to the outer function's variables

15. What is the purpose of the "return" statement in a function?

- a) To exit the function and return a value
- b) To print a value to the console
- c) To declare a variable
- d) To concatenate strings

Answer: a) To exit the function and return a value

16. What does the "JSON" acronym stand for in JavaScript?

- a) JavaScript Object Notation
- b) Java Syntax Object Notation
- c) Just Simple Object Naming
- d) JavaScript Oriented Notation

Answer: a) JavaScript Object Notation

17. How do you handle errors in JavaScript?

- a) try-catch
- b) error()

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- c) catch-throw
- d) handle-error

Answer: a) try-catch

18. What is the purpose of the "isNaN" function in JavaScript?

- a) Checks if a value is not a number
- b) Checks if a value is a number
- c) Converts a string to a number
- d) Rounds a number to the nearest integer

Answer: a) Checks if a value is not a number

19. What is the purpose of the "splice" method in JavaScript?

- a) Adds elements to an array and returns the new array length
- b) Removes elements from an array and returns the removed elements
- c) Concatenates two arrays
- d) Reverses the elements of an array

Answer: b) Removes elements from an array and returns the removed elements

20. How do you convert a string to a number in JavaScript?

- a) parseInt()
- b) toNumber()
- c) Number()
- d) stringToNumber()

Answer: c) Number()

21. What does the "bind" method do in JavaScript?

- a) Creates a new array with the results of calling a function for every array element
- b) Binds a function to a particular object, ensuring that "this" refers to the specified object
- c) Combines two arrays into one
- d) Creates a copy of an array with the elements reversed

Answer: b) Binds a function to a particular object, ensuring that "this" refers to the specified object

22. What is an IIFE (Immediately Invoked Function Expression) in JavaScript?

- a) A function that is automatically invoked when the script loads
- b) A function that is executed only when called explicitly
- c) A function that is defined inside another function
- d) A function that runs forever

Answer: a) A function that is automatically invoked when the script loads

23. What is the purpose of the "Promise" object in JavaScript?

- a) To handle asynchronous operations and represent a value that might be available now, or in the future, or never
- b) To create a new object
- c) To check if a variable is defined
- d) To concatenate strings

Answer: a) To handle asynchronous operations and represent a value that might be available now, or in the future, or never

24. What is the purpose of the "filter" method in JavaScript?

- a) Iterates over the elements of an array and applies a function to each element
- b) Creates a new array with all elements that pass a test
- c) Combines two arrays into one
- d) Reduces the array to a single value

Answer: b) Creates a new array with all elements that pass a test

25. How do you declare a constant variable in JavaScript?

- a) const
- b) let
- c) var
- d) constant

Answer: a) const

26. What does the "addEventListener" method do in JavaScript?

- a) Adds an event listener to a DOM element
- b) Removes an event listener from a DOM element
- c) Appends a new child element to a parent element
- d) Adds a new event to the event queue

Answer: a) Adds an event listener to a DOM element

27. What is the purpose of the "charAt" method in JavaScript?

- a) Returns the character at a specified index in a string
- b) Concatenates two strings
- c) Converts a string to uppercase
- d) Returns the length of a string

Answer: a) Returns the character at a specified index in a string

28. What is the purpose of the "shift" method in JavaScript?

- a) Adds elements to the end of an array
- b) Removes elements from the beginning of an array
- c) Adds elements to the beginning of an array
- d) Removes elements from the end of an array

Answer: b) Removes elements from the beginning of an array

29. How do you convert a number to a string in JavaScript?

- a) toString()
- b) toText()
- c) stringify()
- d) numberToString()

Answer: a) toString()

30. What is the purpose of the "find" method in JavaScript?

- a) Iterates over the elements of an array and applies a function to each element
- b) Creates a new array with all elements that pass a test

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- c) Returns the first element in an array that satisfies a provided testing function
- d) Reduces the array to a single value

Answer: c) Returns the first element in an array that satisfies a provided testing function

31. What is the purpose of the "includes" method in JavaScript?

- a) Checks if a value is not a number
- b) Checks if a value is a number
- c) Checks if an array includes a certain element
- d) Checks if a string includes a certain substring

Answer: c) Checks if an array includes a certain element

32. What is the purpose of the "toUpperCase" method in JavaScript?

- a) Converts a string to lowercase
- b) Converts a string to uppercase
- c) Removes leading and trailing whitespaces from a string
- d) Splits a string into an array of substrings

Answer: b) Converts a string to uppercase

33. What is the purpose of the "toLowerCase" method in JavaScript?

- a) Converts a string to lowercase
- b) Converts a string to uppercase

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- c) Removes leading and trailing whitespaces from a string
- d) Splits a string into an array of substrings

Answer: a) Converts a string to lowercase

34. What is the output of the following code?

javascript

Copy code

```
console.log(1 + '1' + 1)
```

- a) 10
- b) 11
- c) 01
- d) "11"

Answer: b) 11

35. What is the purpose of the "slice" method in JavaScript?

- a) Returns a section of a string
- b) Removes elements from an array and returns the removed elements
- c) Adds elements to the end of an array
- d) Reverses the elements of an array

Answer: a) Returns a section of a string

36. What is the purpose of the "concat" method in JavaScript?

- a) Combines two arrays into one
- b) Creates a new array with the results of calling a function for every array element

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- c) Adds elements to the end of an array
- d) Removes elements from an array

Answer: a) Combines two arrays into one

37. What is the purpose of the "slice" method in JavaScript?

- a) Adds elements to an array and returns the new array length
- b) Returns a section of a string
- c) Removes elements from an array and returns the removed elements
- d) Concatenates two strings

Answer: b) Returns a section of a string

38. What is the purpose of the "toFixed" method in JavaScript?

- a) Converts a number to a fixed-point notation
- b) Rounds a number to the nearest integer
- c) Converts a string to a number
- d) Returns the decimal part of a number

Answer: a) Converts a number to a fixed-point notation

39. What is the purpose of the "split" method in JavaScript?

- a) Adds elements to an array and returns the new array length
- b) Returns a section of a string
- c) Splits a string into an array of substrings
- d) Joins two arrays into one

Answer: c) Splits a string into an array of substrings

40. What is the purpose of the "reverse" method in JavaScript?

- a) Reverses the order of elements in an array
- b) Returns the character at a specified index in a string
- c) Converts a string to uppercase
- d) Removes elements from an array and returns the removed elements

Answer: a) Reverses the order of elements in an array

41. How do you round a number to a specific number of decimal places in JavaScript?

- a) toFixed()
- b) round()
- c) decimalRound()
- d) setPrecision()

Answer: a) toFixed()

42. What does the "splice" method do in JavaScript?

- a) Removes elements from an array and returns the removed elements
- b) Adds elements to an array and returns the new array length
- c) Concatenates two arrays
- d) Reverses the elements of an array

Answer: a) Removes elements from an array and returns the removed elements

43. What is the purpose of the "Object.keys()" method in JavaScript?

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- a) Returns an array of a given object's property names
- b) Returns the keys of an array
- c) Returns an array of a given object's property values
- d) Adds a new key to an object

Answer: a) Returns an array of a given object's property names

44. What does the "Math.random()" function do in JavaScript?

- a) Generates a random integer between 1 and 10
- b) Generates a random decimal between 0 and 1
- c) Rounds a number to the nearest integer
- d) Generates a random number with a specified range

Answer: b) Generates a random decimal between 0 and 1

45. What is the purpose of the "Math.floor()" function in JavaScript?

- a) Returns the smallest integer less than or equal to a given number
- b) Rounds a number to the nearest integer
- c) Returns the largest integer less than or equal to a given number
- d) Returns the closest integer greater than or equal to a given number

Answer: a) Returns the smallest integer less than or equal to a given number