

Congratulations! You passed!

Grade received 100%

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Go to next item

1.	You	can run JavaScript in a web browser's devtools console.	1 / 1 point
	true false		
	0) Correct That's correct! The devtools console is useful for running JavaScript code.	
2.	Whic	Which of the following are valid comments in JavaScript? Select all that apply.	
		1 2 \ Comment 1 3	
	✓	1 2 // Comment 2 3	
	⊙ Correct That's correct! // is used for inline comments.		
		1 2 ## 3 ## Comment 3 4 ## 5	
	Y	1 2 /* 3	
	©	Correct That's correct! /* and */ are define the beginning and end of multi-line comments.	
3.	Which of the following are valid data types in JavaScript? Select all that apply.		1/1 point
	✓ string ✓ Correct That's correct! The string data type represents a sequence of characters in JavaScript.		
	□ numbers		
	 Correct That's correct! Numbers represent both integer and decimal point numeric values. 		
	☑ booleans		
	○ Correct That's correct! The boolean data type has one of two values; true or false.		
	☑ null		
	⊘	Correct That's correct! The null data type represents the absense of a value.	
4	\A/I-:	ch of the following is the legical AND experter in Java Seriet?	
4.	O	ch of the following is the logical AND operator in JavaScript?	1 / 1 point

```
•
         1 ||
             1
2 |\
3
    0
     ⊘ Correct
     That's correct! && is the logical AND operator used for condition checks.
\textbf{5.} \quad \text{Which of the following is the assignment operator in JavaScript?}
                                                                                                                                         1 / 1 point
    •
    0
    0
     ⊘ Correct
     That's correct! The = symbol is used to assign to variables in JavaScript.
\textbf{6.} \quad \text{How many times will the following code print the word 'Hello'?}
                                                                                                                                         1 / 1 point
            for(var i = 0; i <= 5; i++) {
     console.log("Hello");
}</pre>
    O 4
    O 5
    6
          That's correct! 'i' starts with the value '0'. The condition checks if 'i' is less than or equal to '5'. Each loop
          increments 'i' by '1'. This means that the loop will run 6 times.
7. What will print out when the following code runs?
                                                                                                                                         1 / 1 point
              var i = 3;
var j = 5;
             if(i == 3 && j < 5) {
    console.log("Hello");
} else {
    console.log("Goodbye");
}</pre>
    O Hello
    Goodbye
    Nothing
```

(√) C

 $That's correct!\ The condition checks \ if' i' is equal\ to's'\ AND\ if' j'' is less than's'.\ Since\ the\ result\ of\ this\ condition\ is\ false,\ the\ code\ inside\ the\ else\ statement\ will\ run.$

8. What will print out when the following code runs?

- Hello
- O Goodbye
- O Nothing
- **⊘** Correct

That's correct! The condition checks if 'i' is less than '7' OR if 'j' is less than '5'. Since the result of this condition is true, the code inside the if statement will run.

9. The result of !false is:

1 / 1 point

1 / 1 point

- true
- O undefined

Correct! When you add the NOT operator before a boolean value, the returned value is the opposite of the boolean value. Thus, !false is evaluated to true, and !true is evaluated to false.

10. What does the operator symbol || represent in JavaScript?

1 / 1 point

- O The logical NOT operator
- The logical OR operator
- O The logical AND operator

That's correct. In JavaScript, the || is the logical OR operator.