

98-382.microsoft

Number: 98-382 Passing Score: 800 Time Limit: 120 min



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Exam A

QUESTION 1 DRAG DROP

You are creating a web page that tests a user's ability to accurately type text. The validation should be case-insensitive.

How should you complete the code? To answer, drag appropriate functions to the correct locations. Each function may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



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Select and Place:









Correct Answer:









Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/jsref/prop_text_value.asp

QUESTION 2 HOTSPOT

You evaluate the following code:

```
function change(student, course)
{
    student = "JavaScript Student";
    course.name = "JavaScript";
    course.grade = 100;
}
var sampleCourse = { "name": "HTML", "grade": 90 };
var sampleStudent = "HTML Student";
change(sampleStudent, sampleCourse);
console.log(sampleStudent, sampleCourse.name, sampleCourse.grade);
```

You need to determine the values of sampleStudent, sampleCourse.name, and sampleCourse.grade that are output by console.log().

What are the final values for the three variables? To answer, select the appropriate values in the answer area.



<pre>sampleStudent =</pre>		*
	HTML Student	_
	JavaScript Student	

sampleCourse.name =

HTML	
JavaScript	

sampleCourse.grade ..com

	*
90	
100	

Correct Answer:



	HTML Student
	JavaScript Student
sampleCourse.name =	
*	HTML
	JavaScript
	JavaScript
sampleCourse.grade	5 90

Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_output.asp

QUESTION 3 DRAG DROP

A JavaScript array is initialized as follows:

var array = [20, 40, 60, 80];

You write the following code to manipulate the array:



array.shift(); array.pop(); array.push(10); array.unshift(100);

You need to determine the contents of the array.

Which four elements does the array contain in sequence? To answer, move the appropriate elements from the list of elements to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:



Section: (none) Explanation



Elements	Answer area	
	100	
20		
	60	
	0	
80	10	
Explanation/Reference: Explanation:		
References: https://www.bennadel.com/blog/1796-javascript-array-methods-unshift-shift-	push-and-pop.htm	
AUESTION 4 HOTSPOT	com	
You need to evaluate the following code segment. Line numbers are included for referen	ce only.	
01 var n; 02 console.log(typeof n); 03 var a = "3.4";		
<pre>04 console.log(typeof a); 05 var textArray = ["Welcome Back", "Enter a Name", "Incorrect Answer" 06 console.log(typeof textArray);</pre>];	
07 var c = 2.4; 08 console.log(typeof c);		
09 var tag = null; 10 console.log(typeof tag);		

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the code segment.



What does the console.log function on line 02 write to the console?

What does the console.log function on line 04 write to the console?

What does the console.log function on line 06 write to the con-

What does the console.log function on line 08 write to the console?

What does the console.log function on line 10 write to the console?

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	



Correct Answer:





What does the console.log function on line 02 write to the console?

What does the console.log function on line 04 write to the console?

What does the console.log function on line 06 write to the cons

What does the console.log function on line 08 write to the console?

What does the console.log function on line 10 write to the console?

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
undefined	

	-
string	
array	
object	
number	
d for a d	



Section: (none) Explanation

Explanation/Reference:

QUESTION 5

You are writing an engineering application. You need to create a function that will round numbers to 3 or more decimal places.

You need to create a function that receives the following two parameters:

- The value parameter is the number to be formatted
- The digits parameter is the number of digits to display The

function must return the value with the number of digits specified.

Which function should you use?



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```
function significance(value, digits) {
    return value.toPrecision(digits);
}
function significance(value, digits) {
    return value.toString(digits);
}
function significance(value, digits) {
    return value.toFixed(digits);
}
function significance(value, digits) {
    return value.valueOf(digits);
}
```



В.



Correct Answer: C Section: (none) Explanation

Explanation/Reference: References: https://www.w3schools.com/jsref/jsref_tofixed.asp

QUESTION 6 HOTSPOT

You analyze the following code fragment. Line numbers are included for reference only.

```
01 "use strict":
02 var val1 = 25;
03 \text{ var val2} = 4;
04 function multiply() {
      return val1 * val2;
05
                                                  CEplus
06 }
07
08 console.log("Global multiply returns() : " + multiply());
09 multiply();
10
11 function getProduct() {
      var val1 = 2;
12
13
      var val2 = 3;
14
15
      function multiply() {
          return val1 * val2;
16
17
      }
18
      return multiply();
19
20 }
```



The call to the multiply function on line 09 returns 100. Image: Contract Answer: Correct Answer: Answer Area

The call to the multiply function on line 09 returns 100.

The call to the multiply function on line 19 returns 100.

Section: (none) Explanation

Explanation/Reference:

Answer Area

QUESTION 7 HOTSPOT

You are creating a JavaScript function that returns a date the specified number of months in the future of the current date.

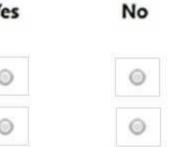
The function must meet the following requirements: Accept a number that represents the number of months to add or subtract from the current date. Return the current data adjusted by the number of months passed into the function.

How should you complete the code? To answer, select the appropriate code segments in the answer area.

NOTE: Each correct selection is worth one point.

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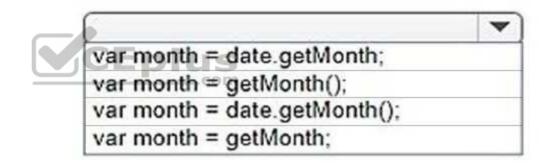


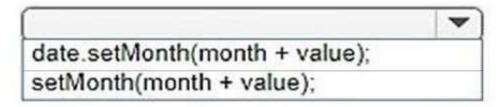




function adjustMonth(value) {

	-
var date = new Date();	
var date = Date();	
var date = new Date;	
var date = Date;	





return date ;

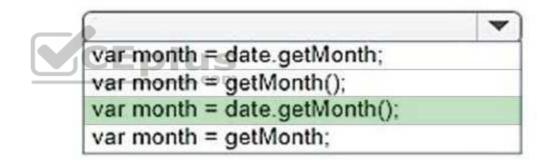
Correct Answer:

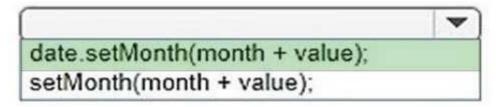
3



function adjustMonth(value) {

	-
var date = new Date();	
var date = Date();	
var date = new Date;	
var date = Date;	





return date ;

3



Explanation/Reference:

Explanation:

References:

https://www.w3schools.com/js/js_dates.asp https://www.w3schools.com/js/js_date_methods.asp https://www.w3schools.com/jsref/jsref_setmonth.asp

QUESTION 8 HOTSPOT

You work as a JavaScript developer for Adventure Works. You are writing a simple script that performs the following actions:

Declares and initializes an array

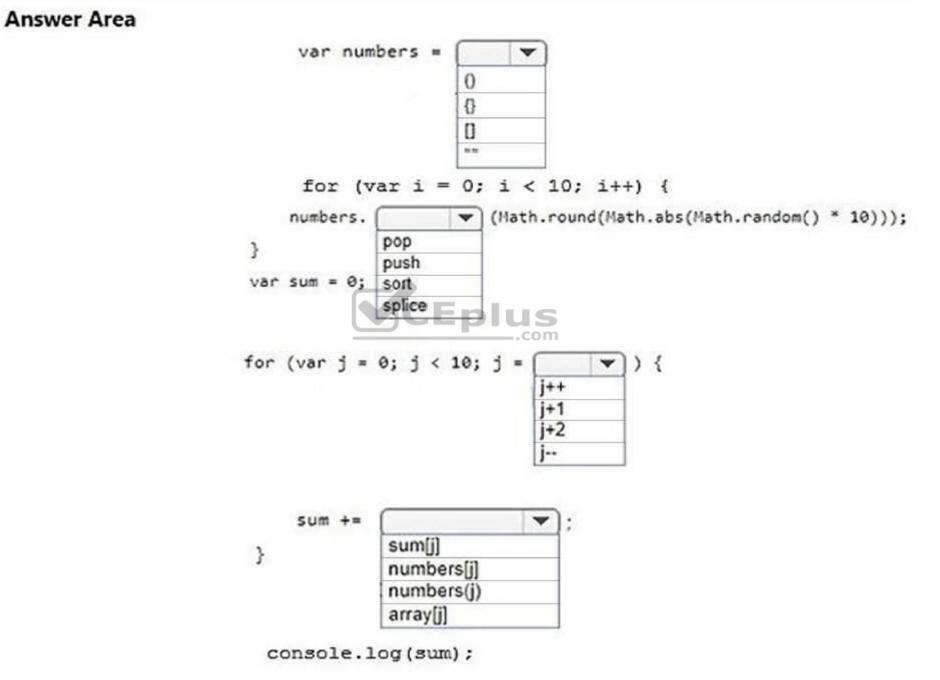
- Fills the array with 10 random integers
- Adds every other number starting with the first element

How should you complete the code? To answer, select the appropriate code segments in the answer area.

NOTE: Each correct selection is worth one point.





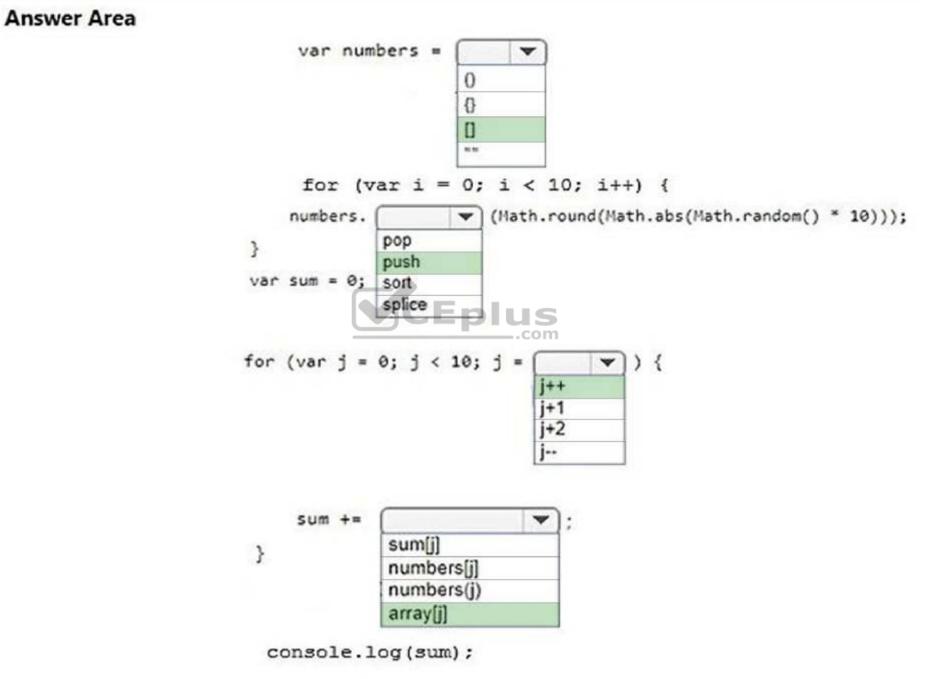




Correct Answer:









Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/jsref/jsref_push.asp https://www.w3schools.com/js/js_arrays.asp https://stackoverflow.com/questions/9813573/how-to-perform-a-sum-of-an-int-array

QUESTION 9 HOTSPOT

You are writing a JavaScript program for Blue Yonder Airlines. The program stores various information about the airline's flights.

The program has initialized the following variables:

01 var flightDestination = "Denver"; 02 var flight = 5; 03 var roundTrip = 2489.58; 04 var onTime = true; 05 var id = flight + flightDestination;



You need to determine the data type of the code segment based on initialization and the assignment of the variables. Use the drop-down menus to select the answer choice that answers each question based on the information presented in the code segment.

NOTE: Each correct selection is worth one point.



What is the data type for line 01?

	-
Number	
String	
Boolean	
Null	
Undefined	

What is the data type for line 03?



Number	
String	
Boolean	
Null	
Undefined	

What is the data type for line 04?

	V
Number	
String	
Boolean	
Null	
Undefined	

V



Correct Answer:





What is the data type for line 01?

	-
Number	
String	
Boolean	
Null	
Undefined	

What is the data type for line 03?



	-
Number	
String	
Boolean	
Null	
Undefined	

What is the data type for line 04?

	V
Number	
String	
Boolean	
Null	
Undefined	

V

www.vceplus.com - VCE Exam Simulator - Download A+ VCE (latest) free Open VCE Exams - VCE to PDF Converter - PDF Online What is the data type for line 057



Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_datatypes.asp

QUESTION 10 HOTSPOT

You are planning to use the Math object in a JavaScript application. You write the following code to evaluate various Math functions:

var ceil = Math.ceil(100.5); var floor = Math.floor(100.5); var round = Math.round(100.5);



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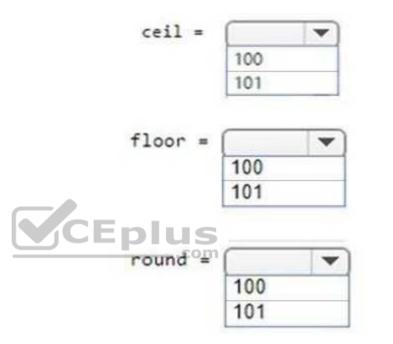
What are the final values for the three variables? To answer, select the appropriate values in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

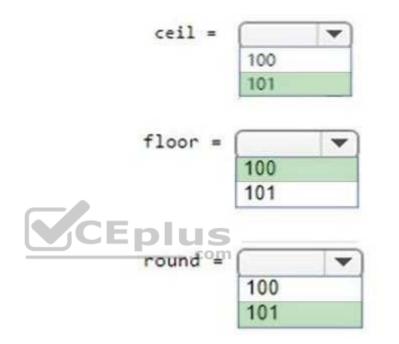
com





Correct Answer:





Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_math.asp

QUESTION 11 HOTSPOT

You are creating JavaScript code that manipulates dates. You want to initialize a Date object with the date January 1, 2017 by using the year, month, and date parameters.

How should you complete the code? To answer, select the appropriate code segment in the answer area.



Hot Area:

Correct Answer:

Answer Area



Section: (none) Explanation

Explanation/Reference: Explanation:

References: https://www.w3schools.com/js/js_dates.asp









QUESTION 12 HOTSPOT

Your instructor has asked you to write a program that uses simple rules to help determine if a person should take the train, drive their car, or ride a bike, depending on the conditions of the weather and the amount of gas in the car's tank.

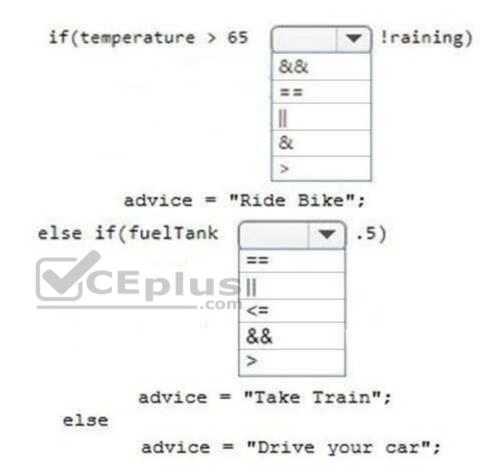
CEplus

The program has the following requirements:

- When the temperature is above 65 degrees and it is not raining, the person should be told to ride their bike.
- When it is raining, the person should be told to drive their car.
- If their car has half a tank of gas or less, they should be told to take the train.

How should you complete the code? To answer, select the appropriate code segments in the answer area.





Correct Answer:





Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/jsref/jsref_operators.asp

QUESTION 13 HOTSPOT



You are using JavaScript to create a function that calculates admission price.

The function must meet the following requirements:

- The function accepts the age of the customer as a parameter
- A customer who is less than 5 years old gets in free
- A customer who is 65 years old or older gets in free
- A customer who is 5 years old to 17 years old, pays \$10 USD

All other customers pay \$20 USD

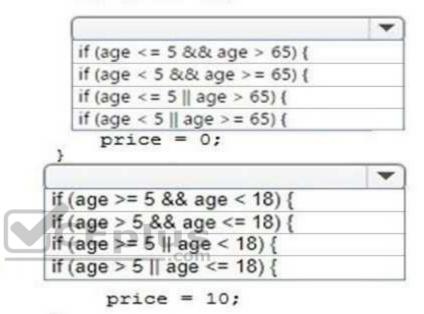
How should you complete the code? To answer, select the appropriate code segments in the answer area.

NOTE: Each correct selection is worth one point.





function ticketPrice(age) {
 var price = 20;



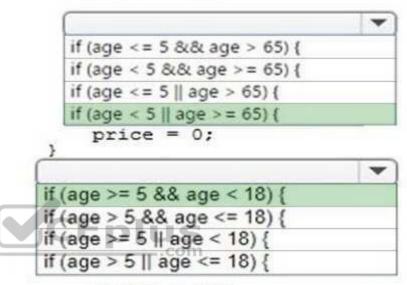
return price;

}

Correct Answer:



function ticketPrice(age) {
 var price = 20;



price = 10;

return price;

Section: (none) Explanation

Explanation/Reference: Explanation:

References: https://www.w3schools.com/jsref/jsref_operators.asp

QUESTION 14

HOTSPOT The ABC company offers a mid-week discount of 10% on Wednesdays.

You need to write a JavaScript function that meets the following requirements:

Accepts the day of the week as a string

Returns the appropriate volte complex.com - VCE Exam Simulator - Download A+ VCE (latest) free Open VCE Exams - VCE to PDF Converter - PDF Online

}



You create the following code. Line numbers are included for reference only.

```
01 function getDiscount(day) {
     var discount = 0;
02
03
04
05
         discount = .1;
         break;
06
07
         discount = 0;
08
         break;
09
      }
10
11
     return discount;
12 }
```

You must complete the code at lines 03, 04, and 07.

How should you complete the code? To answer, select the appropriate code segments in the answer area.

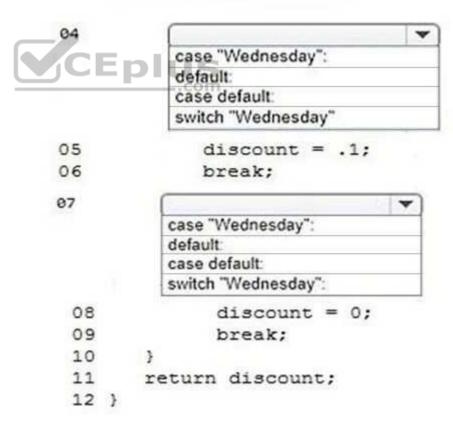
NOTE: Each correct selection is worth one point.

Hot Area:





- 01 function getDiscount(day) {
- 02 var discount = 0;
- 03 case (day) { default (day) { case (default) { switch (day) {



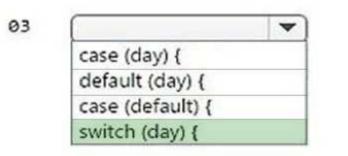


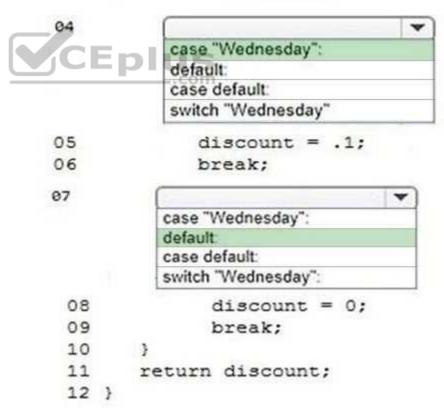
Correct Answer:





- 01 function getDiscount(day) {
- 02 var discount = 0;







Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/jsref/jsref_switch.asp

QUESTION 15 DRAG DROP

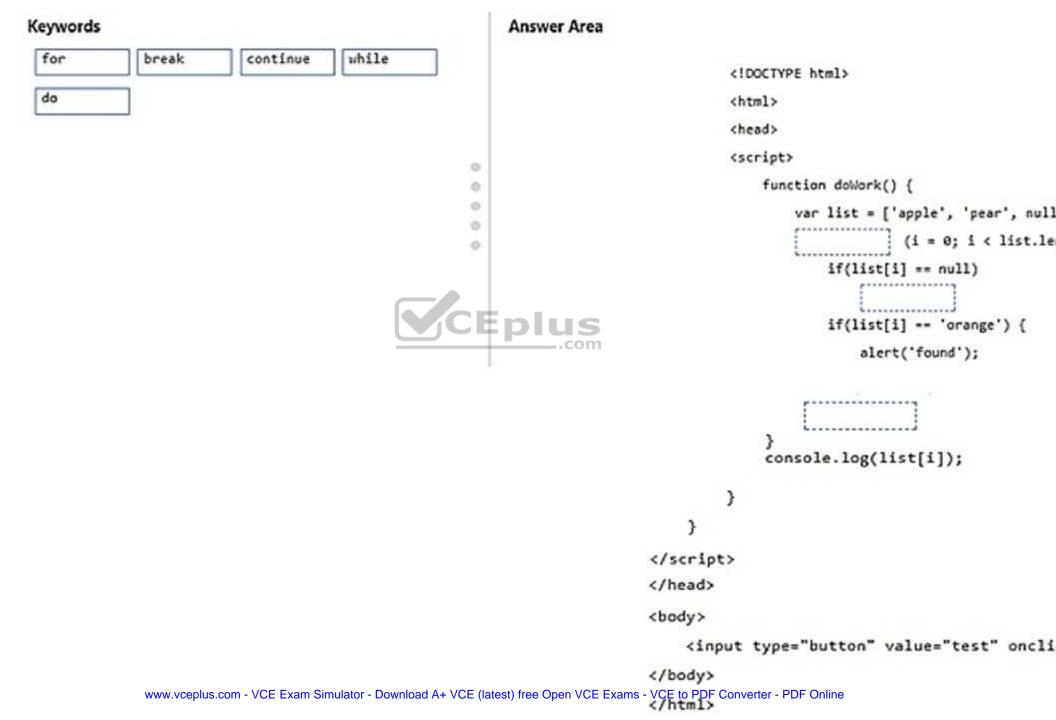
You need to write a loop that will traverse the length of an array to find the value orange. If an array element value is null, the code should immediately go to the next element. When the value is found, the loop should exit.

How should you complete the code? To answer, drag appropriate keywords to the correct locations. Each keyword may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:





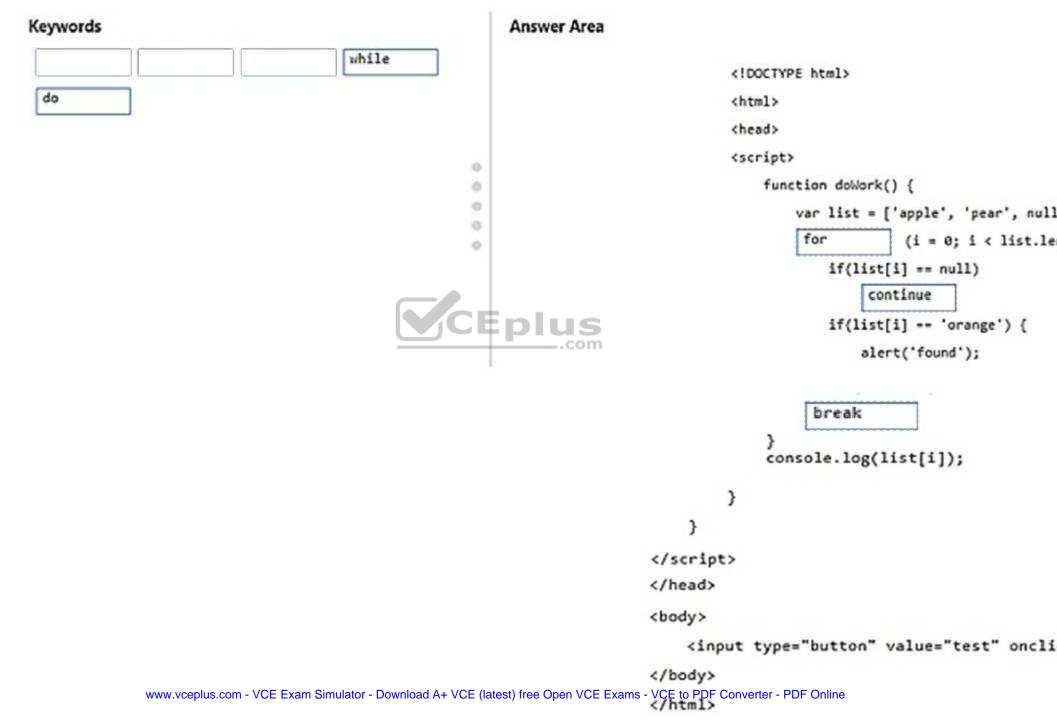




Correct Answer:









Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_arrays.asp https://www.w3schools.com/js/js_break.asp

QUESTION 16

HOTSPOT

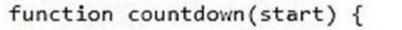
You are creating a function named countdown. The function accepts a single parameter, start, and displays a countdown from that number down to zero in increments of one.

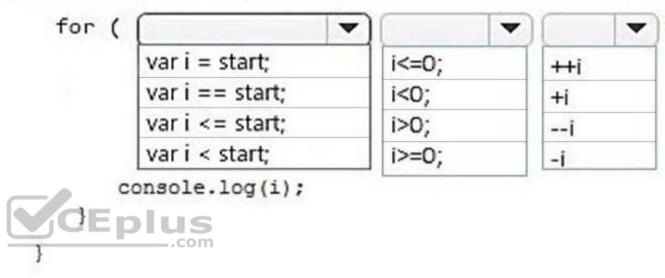
How should you complete the code? To answer, select the appropriate code segments in the answer area.

Hot Area:





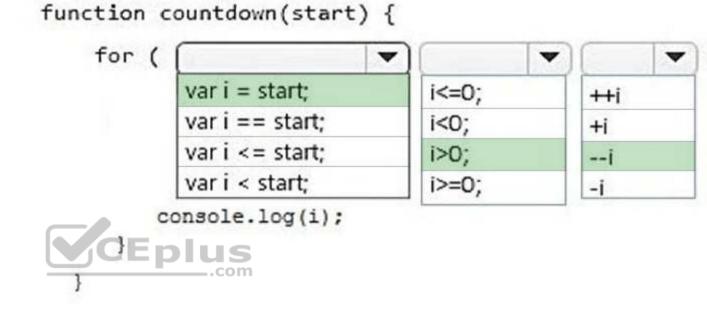




Correct Answer: Section: (none) Explanation

Explanation/Reference: Explanation:





References: https://www.w3schools.com/js/js_operators.asp

QUESTION 17 HOTSPOT

You are creating a calendar application. You need to ensure that the code works correctly for all months of the year.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.





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Hot Area:

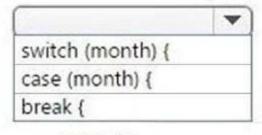




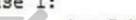
var daysInMonth;

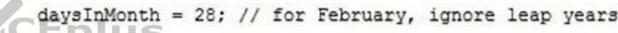
var month;

month = new Date().getMonth();









		.com	-
case	3:	break;	1000
		continue;	
case	5:	while (month);	
case	8:		

case 10:

daysInMonth = 30;

	V
break;	
continue;	
while (month);	



Correct Answer:





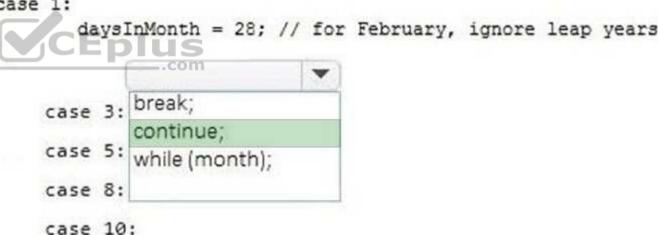
var daysInMonth;

var month;

month = new Date().getMonth();







daysInMonth = 30;

V



Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_break.asp https://www.w3schools.com/jsref/jsref_switch.asp

QUESTION 18

HOTSPOT

You are creating a function that does safe division.

The function has the following requirements:

- The function receives two parameters for the numerator and denominator.
- . If the denominator is zero, the function must return false.
- If the denominator is not zero, the function must return true.

You write the following code. Line numbers are included for reference only.

```
01 function isSafeDivide(numerator, denominator) {
02    if (denominator = 0) {
03        return false;
04    } else {
05        return true;
06    }
07 }
```

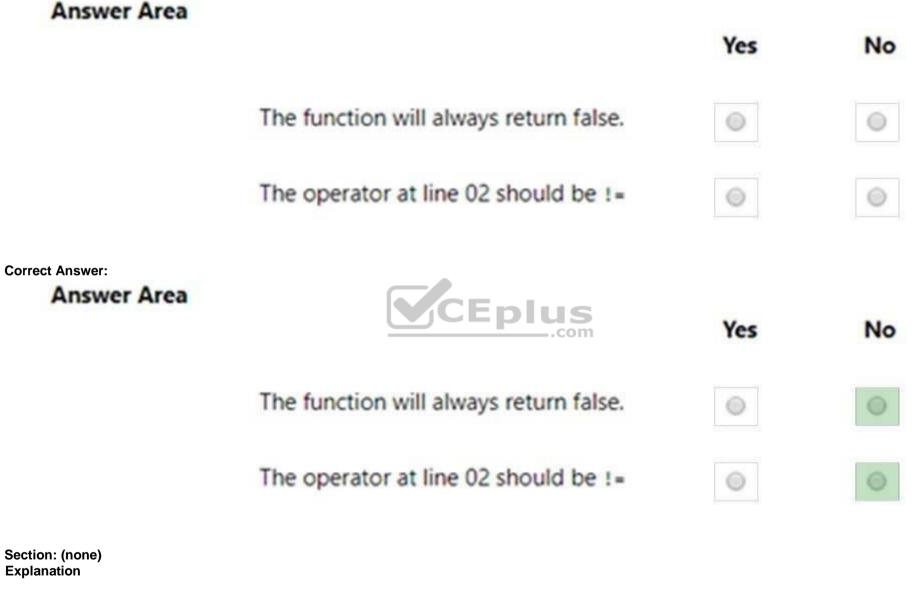
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

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Explanation/Reference: Explanation:

References: https://www.w3schools.com/js/js_comparisons.asp https://www.w3schools.com/js/jsr/efn_if.asp Exam Simulator - Download A+ VCE (latest) free Open VCE Exams - VCE to PDF Converter - PDF Online



QUESTION 19 HOTSPOT

Variable x has a value of 5. Variable y has a value of 7.

For each of the following expressions, select True if the statement evaluates to true. Otherwise, select False.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area



Correct Answer:





Section: (none) Explanation

Explanation/Reference:

Explanation:

References: https://www.w3schools.com/js/js_comparisons.asp

QUESTION 20 DRAG DROP

You are developing a web page that uses JavaScript. The script needs to display information to the user using a popup box.

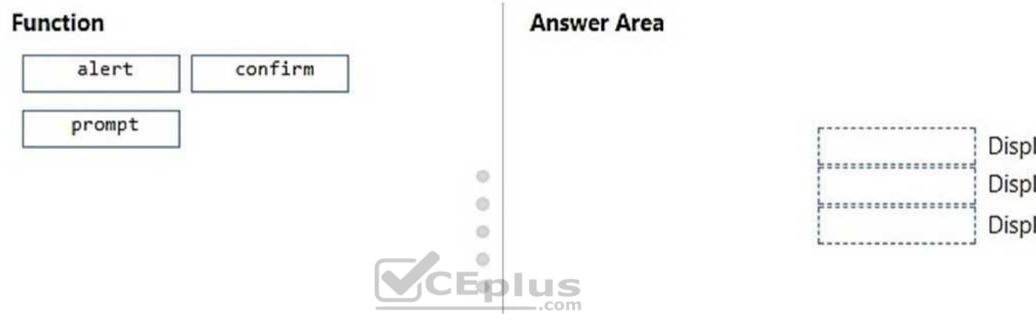
Match each function that displays a popup box with its appropriate scenario.

To answer, drag the appropriate function from the column on the left to its appropriate scenario on the right. Each function may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.



Select and Place:



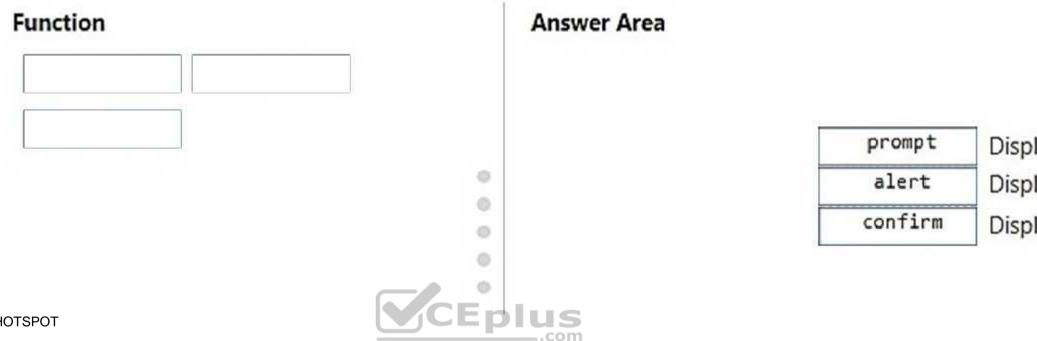
Correct Answer: Section: (none) Explanation

Explanation/Reference: Explanation:

References: https://www.w3schools.com/js/js_popup.asp

QUESTION 21





HOTSPOT

You are designing a function that allows you to perform unit tests on other functions in a library. You will invoke each library function by using the eval JavaScript function. If an exception occurs when invoking a function, you want to display a message box with the following message:

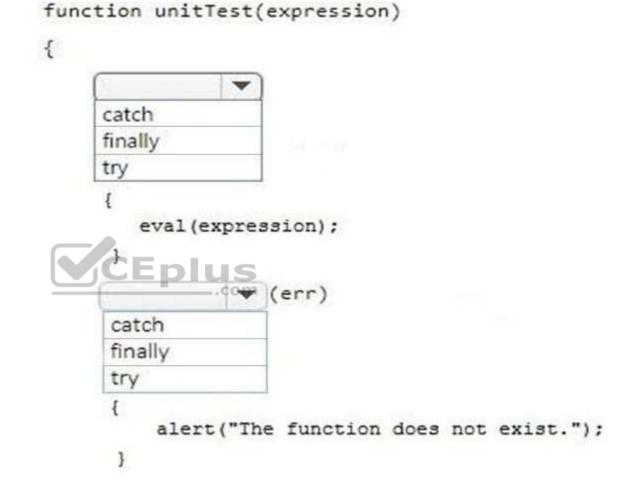
The function does not exist.

How should you complete the code? To answer, select the appropriate code segment in the answer area.

NOTE: Each correct selection is worth one point.

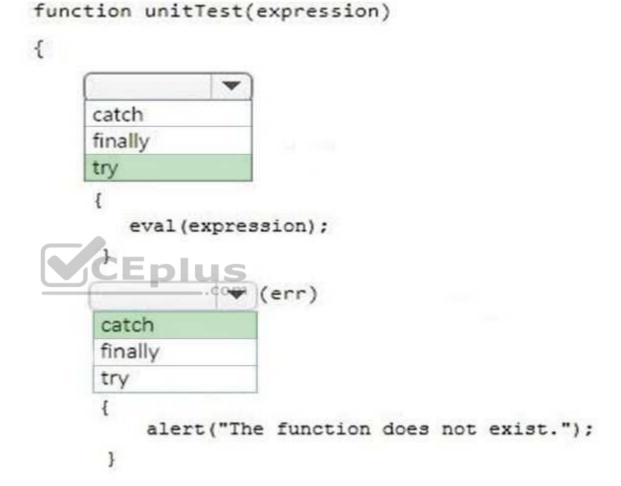
Hot Area:





Correct Answer:





Section: (none) Explanation

Explanation/Reference: Explanation:

References: https://www.w3schools.com/jsref/jsref_try_catch.asp





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