98-382^{Q&As}

Introduction to Programming Using JavaScript

Pass Microsoft 98-382 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/98-382.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

Instant Download After Purchase

100% Money Back Guarantee

365 Days Free Update

800,000+ Satisfied Customers

QUESTION 1

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.

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.
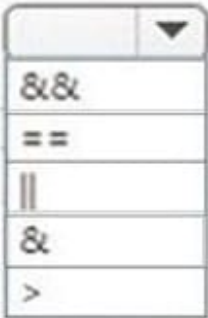
When it is raining, the person should be told to drive their car.

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.

Hot Area:

Answer Area

```
if(temperature > 65  [      ▼] !raining)
                      | &&      |
                      | ==      |
                      | ||      |
                      | &       |
                      | >       |

       advice = "Ride Bike";
else if(fuelTank  [      ▼] .5)
                  | ==      |
                  | ||      |
                  | <=      |
                  | &&      |
                  | >       |

       advice = "Take Train";
  else
       advice = "Drive your car";
```

Correct Answer:

Answer Area

```
if(temperature > 65  [  ▼  ] !raining)
                     | &&  |
                     | ==  |
                     | ||  |
                     | &   |
                     | >   |

        advice = "Ride Bike";
else if(fuelTank  [  ▼  ] .5)
                  | ==  |
                  | ||  |
                  | <=  |
                  | &&  |
                  | >   |

        advice = "Take Train";
   else
        advice = "Drive your car";
```

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

QUESTION 2

You are creating a dynamic HTML page by using JavaScript.

Your page has an image of the sun. When the user\\'s mouse pointer moves across the image of the sun, the image should change to the image of the moon. When the user\\'s mouse pointer is no longer over the image should change back to

the image of the sun.

You need to write the code for the image swap.

Which two events must you program for? (Choose two.)

A. onmouseup

B. onmouseout

C. onmosedown

D. onmouseover

E. onmouseenter

Correct Answer: BD

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

---

QUESTION 3

HOTSPOT

You are evaluating a colleague\\'s code to ensure it meets best practices.

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:

Answer Area

	Yes	No
The characters // are used to mark a single line as a comment.	○	○
totalscore is in the correct format according to standard naming conventions for JavaScript.	○	○
~score can be used as a variable name.	○	○
switch can be used as a variable name.	○	○

Correct Answer:

Answer Area

	Yes	No
The characters // are used to mark a single line as a comment.	●	○
totalscore is in the correct format according to standard naming conventions for JavaScript.	○	●
~score can be used as a variable name.	●	○
switch can be used as a variable name.	○	●

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

QUESTION 4

HOTSPOT

You are using JavaScript to write a safe root math utility that has the following requirements:

Given the function safeRoot(a, b):

If the radicand (a) is non-negative, return Math.pow (a, 1/b);

Otherwise,

If the index (b) is divisible by 2, then return text indicating the result is imaginary.

Otherwise return -Math.pow (-a, 1/b)

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:

Answer Area

```
function safeRoot(a, b) {
```

▼
if (a >= 0) {
if (b % 2 == 0) {

```
        return Math.pow(a, 1 / b);
```

▼
} else if (b % 2 == 0) {
} else if (a >= 0) {
} else {
if (b % 2 == 0) {

▼
} else if (b % 2 == 0) {
} else if (a >= 0) {
if (a >= 0) {
if (b % 2 == 0) {

```
        return "Result is an imaginary number";
```

▼	'b);
} else if (b % 2 == 0) {	
} else if (a >= 0) {	
} else {	
if (a >= 0) {	
if (b % 2 == 0) {	

```
        }
    }
}
```

Correct Answer:

Answer Area

```
function safeRoot(a, b) {

    ┌────────────────────────────┬───▼───┐
    │ if (a >= 0) {                        │
    │ if (b % 2 == 0) {                    │
    └────────────────────────────────────┘

        return Math.pow(a, 1 / b);

    ┌────────────────────────────┬───▼───┐
    │ } else if (b % 2 == 0) {             │
    │ } else if (a >= 0) {                 │
    │ } else {                             │
    │ if (b % 2 == 0) {                    │
    └────────────────────────────────────┘


    ┌────────────────────────────┬───▼───┐
    │ } else if (b % 2 == 0) {             │
    │ } else if (a >= 0) {                 │
    │ if (a >= 0) {                        │
    │ if (b % 2 == 0) {                    │
    └────────────────────────────────────┘

        return "Result is an imaginary number";

    ┌────────────────────────────┬───▼───┐
    │ } else if (b % 2 == 0) {             │  'b);
    │ } else if (a >= 0) {                 │
    │ } else {                             │
    │ } if (a >= 0) {                      │
    │ } if (b % 2 == 0) {                  │
    └────────────────────────────────────┘
        }
    }
}
```

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

QUESTION 5

HOTSPOT

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:

Answer Area

	Yes	No
External JavaScript files can be cached.	○	○
Internal JavaScript can be placed between the <head> tags.	○	○
Placing your scripts at the bottom of the page body lets the browser load the other elements of the page first.	○	○
Internal JavaScript uses the tag <script src="internal" type="text/javascript">.	○	○

Correct Answer:

Answer Area

	Yes	No
External JavaScript files can be cached.	●	○
Internal JavaScript can be placed between the <head> tags.	●	○
Placing your scripts at the bottom of the page body lets the browser load the other elements of the page first.	●	○
Internal JavaScript uses the tag <script src="internal" type="text/javascript">.	○	●

References: http://knowledgehills.com/javascript/external-javascript-syntax-disadvantages.htm
https://www.w3schools.com/js/js_whereto.asp https://www.w3schools.com/tags/att_script_src.asp

98-382 Practice Test   98-382 Study Guide   98-382 Exam Questions