

ACT #31 Conditional Check

Due No due date

Points 20

Questions 5

Time Limit None

Instructions

SOFT DEADLINE: 11/30/2023 12:05 PM

HARD DEADLINE: 11/30/2023 01:15 PM



Instruction

Given the following code snippets. determine the console output.

Example

Question

```
x = 1;  
if (x < 2){  
  console.log(x);  
}
```

What is the outputted on the console?

Answer

1

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	17 minutes	13 out of 20

❗ Correct answers are hidden.

Score for this quiz: **13** out of 20

Submitted Nov 30 at 11:42am

This attempt took 17 minutes.

Incorrect

Question 1

0 / 3 pts

```
let x = 3;  
let y = 0;  
if (x < 4){  
  y += 1;  
  if (x < 5){  
    y += 1;  
  }  
}  
y += 1;  
console.log(y);
```

What is outputted on the console?

Question 2

3 / 3 pts

```
let x = 4;
let z = 5;
let y = 0;
if (x < 4 || z < 8){
  y += 1;
  if (x > 5){
    y += 1;
  }else{
    y -= 1;
  }
}else{
  y += 1;
}
y += 1;
console.log(y);
```

What is outputted on the console?

Incorrect

Question 3

0 / 4 pts

```
let x = 3;
let z = 3;
let y = 0;
if (x > 2 && x < 5){
  y += 1;
  if (x <= 1 || z != 4){
    y += 1;
    if (x != 3){
      y += 1;
    }else{
      y += 5;
    }
  }else{
    y -= 1;
  }
}else{
  y += 1;
}
if (y > 6){
  y += 1;
}else{
  y = 0;
}
y += 1;
console.log(y);
```

What is outputted on the console?

1

Question 4

5 / 5 pts

```
let x = 4;
let z = 3;
let y = 0;
if (x > 2 && x < 5){
  x += 1;
  z += 1;
}

if (x <= 4 || y != 0 || (x + z) > 9 || z == 4){
  (
    x += 1;
    y += 1;
    z += 1;
  )
}

if (x > 4 && y < 2 || z == 4){
  x += 1;
  y += 1;
  z += 1;
}

console.log(x + z + y);
```

What is outputted on the console?

15

Question 5

5 / 5 pts

```
let x = 4;
let z = 3;
let y = 0;
if (x > 2 && x < 5){
  if (x <= 4 || y != 0 || (x + z) > 9 || z == 4){
    if (x > 4 && y < 2 || z == 4){
      x += 1;
      y += 1;
      z += 1;
    }
    x += 1;
    y += 1;
    z += 1;
  }
  x += 1;
  z += 1;
}
console.log(x + z + y);
```

What is outputted on the console?

12

Quiz Score: **13** out of 20