Quiz

This lesson covers multiple choice questions related to conditions in JavaScript.

1 Choose a correct option:

- A) JavaScript contains only two types of comparison operators `>` and `<`
- B) Comparison operators `>` and `<` returns a boolean result
- C) In JavaScript, `==` is preferred to `===` and `!=` is preferred to `!==`
- D) All of the above

2 Choose a correct if-else condition:

- A)

```
if{

}else(condition){

}
```

B)

```
if(condition){


}else(condition){

}
```

C)

```
if(condition){

}else{

}
```

D)

```
if{

}else{

}
```

3

Is the following statement correct?

Complex conditions can be created using the logical operators `&` (“and”), `|` (“or”) and `!` (“not”).

A) True

B) False

4

Choose a correct switch statement:

A)

```
switch{
case value1:
  break;
case value2:
  break;
default:
}
```

B)

```
switch (expression) {
case value1:
  break;
case value2:
    break;
default:
}
```

C)

```
switch (expression) {
case value1;
  break;
case value2;
  break;
default;
}
```

D)

```
switch (expression) {
case value1:
  break:
case value2:
default:
}
```

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Take a look at the following program:

```
let nb1 = Number(prompt("Enter nb1:"));
let nb2 = Number(prompt("Enter nb2:"));

let nb3 = Number(prompt("Enter nb3:"));

if (nb1 > nb2) {
  nb1 = nb3 * 2;
} else {
  nb1++;
  if (nb2 > nb3) {
    nb1 += nb3 * 3;
  } else {
    nb1 = 0;
    nb3 = nb3 * 2 + nb2;
  }
}
console.log(nb1, nb2, nb3);
```

Try to guess the final values of variables `nb1`, `nb2` and `nb3` depending on following initial values:

nb1 = 4

nb2 = 4

nb3 = 4

A) nb1 = 8

nb2 = 4

nb3 = 4

B) nb1 = 0

nb2 = 4

nb3 = 12

C) nb1 = 17

nb2 = 4

nb3 = 4

D) None of the above

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Take a look at the following program:

```
let nb1 = Number(prompt("Enter nb1:"));
let nb2 = Number(prompt("Enter nb2:"));
let nb3 = Number(prompt("Enter nb3:"));

if (nb1 > nb2) {
  nb1 = nb3 * 2;
} else {
  nb1++;
  if (nb2 > nb3) {
    nb1 += nb3 * 3;
  } else {
    nb1 = 0;
    nb3 = nb3 * 2 + nb2;
  }
}
console.log(nb1, nb2, nb3);
```

Try to guess the final values of variables `nb1`, `nb2` and `nb3` depending on following initial values:

nb1 = 2

nb2 = 4

nb3 = 0

A) nb1 = 3

nb2 = 4

nb3 = 0

B) nb1 = 3

nb2 = 4

nb3 = 4

C) nb1 = 0

nb2 = 4

nb3 = 0

D) None of the above

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Take a look at the following program:

```
let nb1 = Number(prompt("Enter nb1:"));
let nb2 = Number(prompt("Enter nb2:"));
let nb3 = Number(prompt("Enter nb3:"));

if (nb1 > nb2) {
  nb1 = nb3 * 2;
} else {
  nb1++;
  if (nb2 > nb3) {
    nb1 += nb3 * 3;
  } else {
    nb1 = 0;
    nb3 = nb3 * 2 + nb2;
  }
}
console.log(nb1, nb2, nb3);
```

Try to guess the final values of variables `nb1`, `nb2` and

`nb3` depending on following initial values:

nb1 = 4

nb2 = 3

nb3 = 2

A) nb1 = 0

nb2 = 3

nb3 = 7

B) nb1 = 4

nb2 = 3

nb3 = 2

C) nb1 = 11

nb2 = 3

nb3 = 2

D) None of the above

CHECK ANSWERS