

# Quiz

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

1

Choose a correct option:

2

Choose a correct if-else condition:

3

Is the following statement correct?

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

4

Choose a correct switch statement:

5

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`

6

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`

7

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`

[Check Answers](#)