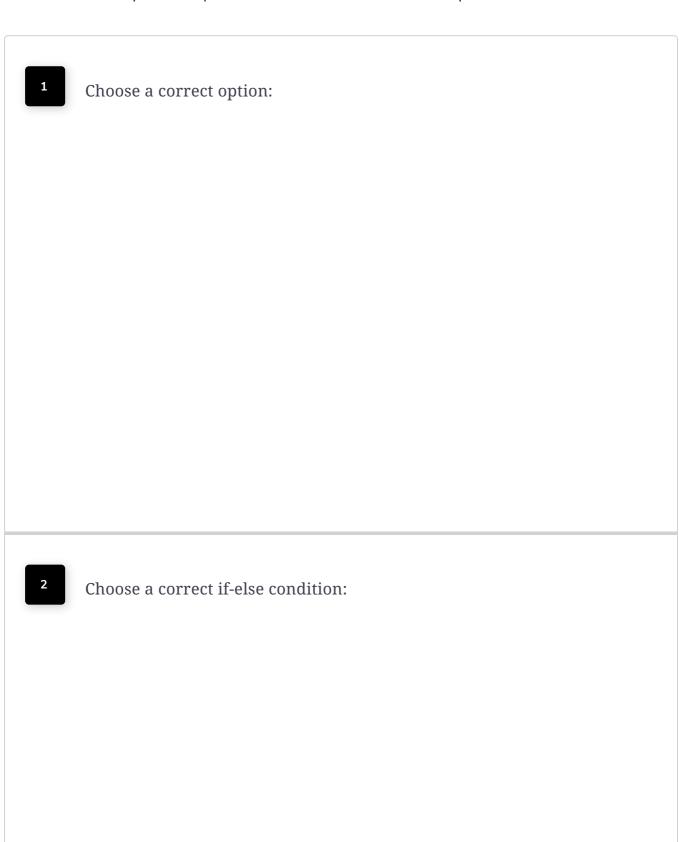
## Quiz

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



3	Is the following statement correct?
	Complex conditions can be created using the logical operators & ("and"), ["or") and ! ("not").

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 <a href="nb1">nb1</a>, <a href="nb2">nb2</a> and <a href="nb3">nb3</a> depending on following initial values:

```
nb1 = 4
nb2 = 4
nb3 = 4
```

```
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 <a href="nb1">nb1</a>, <a href="nb2">nb2</a> and <a href="nb3">nb3</a> depending on following initial values:

```
nb1 = 2
nb2 = 4
nb3 = 0
```

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 <a href="nb1">nb1</a>, <a href="nb2">nb2</a> and <a href="nb3">nb3</a> depending on following initial values:

```
nb1 = 4
nb2 = 3
nb3 = 2
```

