for Loop  
The for loop is used to execute a block of code a specified number of times. The syntax is:  
  
**for (initialization; condition; increment) {  
code block to be executed  
}**  
Here is an example:  
  
**for (let i = 0; i < 5; i++) {  
console.log(i);  
}**  
This will output the numbers 0 through 4 to the console.  
  
for...in Loop  
The for...in loop is used to iterate over the [properties](https://cytechpro.io/mod/resource/view.php?id=10503) of an object. The syntax is:  
  
**for (variable in object) {  
code block to be executed  
}**  
Here is an example:  
  
**const object = {a: 1, b: 2, c: 3};**  
**for (let key in object) {  
console.log(key + ": " + object[key]);  
}**  
This will output the following to the console:  
  
a: 1  
b: 2  
c: 3

for...of Loop  
The for...of loop is used to iterate over the values of an iterable object, such as an array. The syntax is:  
  
**for (variable of object) {  
code block to be executed  
}**  
Here is an example:  
  
**const array = [1, 2, 3];**  
**for (let value of array) {  
console.log(value);  
}**  
This will output the following to the console:  
  
1  
2  
3

while Loop  
The while loop is used to execute a block of code while a specified condition is true. The syntax is:  
  
**while (condition) {  
code block to be executed  
}**  
Here is an example:  
  
**let i = 0;  
  
while (i < 5) {  
console.log(i);  
i++;  
}**

This will output the numbers 0 through 4 to the console.  
  
do...while Loop  
The do...while loop is similar to the while loop, except that the code block will be executed at least once, even if the condition is false. The syntax is:  
  
**do {  
code block to be executed  
} while (condition);**

Here is an example:  
  
**let i = 0;  
  
do {  
console.log(i);  
i++;  
} while (i < 5);**

This will output the numbers 0 through 4 to the console.