

# JavaScript: Methods

## JS - filter

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The following exercise contains the following subjects:

- ◆ filter

## Instructions

Complete the exercises below:

### 3.1- Greater than

You are given this array of numbers:

```
const numbers = [1, 100, 67, -5, 6784, 356, 200];
```

Create a **function** that takes 2 arguments, an array and a number.

With the filter method return from the function only the numbers that are greater than the number you gave as an argument.

### 3.2 – Greater than and less than.

Use the same array of numbers as in the previous exercise

Create a **function** that takes 3 arguments, an array, and 2 numbers.

With the filter method return from the function only the numbers that are greater than and less than the numbers you supplied to the function.

E.g. if your first number is 10 and second number is 300 you should only return the numbers 100, 67, 200.

*Use the movie data for the following exercises:*

### 3.3 – filter rating

Create a **function** that takes two arguments, an array and a rating number

Using the filter method return from the function only the movies that the rating average is more than the rating number provided in the function.

### 3.4 – filter ratings and run time

Create a **function** that takes 3 arguments, an array, a rating number and a run time number.

Using the filter method return from the function only the movies that have a rating average of more than the rating number provided to the function **and** the movies run time needs to be **less** than the run time provided from the function.

For example if the rating: 5 and run time: 50, you should only return the movie Under The Dome.

### 3.5 – filter rating and run time own object

Using the same logic as the previous exercise don't return the whole movie object, but only return the movie name and movie rating.

