**SORT ARRAY:**

In this Project you will practice about sort() method. And after that implement filter() method. You will see usage of typeof also.

**1.**

You have two arrays consist of mixed data types (strings, numbers, boolean, etc.).

First examine data types of each element by index number of array. Console the typeof results.

**2.**

Create a function called handleFilter which takes an array as an argument.

**3.**

Inside your handleFilter function remove any non-number data types **without** using the built-in javascript filter() method. And return just numbers.

To do that, you can use forEach() method or a for loop.

**4.**

Now, create a function typeNumber and return numbers only from given arrays by using filter() method.

**5.**

Create a handleSort function and return an array of sorted numbers in ascending and descending order. You can use output of any function above for sorting.

Well done!

**CHALLENGE – HOME STUDY**

Create a test function that takes sortAges function as an first argument and takes an expected array as an second argument. (create a solution array as expected array manually, for comparing)

Make comparison and give result “passed” or “failed”.

You don't have to worry about making this algorithm work fast! The idea is to get you to

"think" like a computer and practice your knowledge of basic JavaScript.

Good luck!