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Filter

  method creates a new array

  with all elements that pass the test implemented by the provided function

  syntax filter(callBackfunction(Element, Index, Array) {}, thisArg)

  Elment => the current element being processed in the array

  index => the index of the current element being processed in the array

  array => the current array

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// each thing that passes the test it works in the filter and it displays it

// Get friends with name starts with a

let friends = ["Ahmad", "Sameh", "Sayed", "Asmaa", "Amgad", "Israa"];

let filterdFriends = friends.filter(function(el) {

  return el.startsWith("A"); // ? true : false; // this is like telling u true or false ya3ni you looking for names that start with an A

});

console.log(filterdFriends);

// get even Numbers Only

let Numbers = [11, 20, 2, 5, 17, 10];

let evenNumbers = Numbers.filter(function(el) {

  return el % 2 === 0; // ? true : false; ta4sem 2 always show if the number is fardi aw zawji

});

console.log(evenNumbers);

// map vs filter

// let addMap = Numbers.map(function(el) {

//   return el + el

// });

// console.log(addMap);

// let addFilter = Numbers.map(function(el) {

//   return el + el

// });

// console.log(addFilter);