1. Write the function camelize(str) that changes dash-separated words like “my-short string” into camel-cased “myShortString”. That is: removes all dashes, each word after dash becomes uppercased. Examples: camelize("background-color") == 'backgroundColor'; camelize("list-style-image") == 'listStyleImage'; camelize("-webkit-transition") == 'WebkitTransition';

```
let str = prompt("Enter string")
let arr = str.split("-");
for (let i = 0; i < arr.length; i++) {
    arr[i] = arr[i].substring(0, 1).toUpperCase() + arr[i].substring(1);
}
let re = arr.join("");
console.log(re);
```

2. Write a function filterRange(arr, a, b) that gets an array arr, looks for elements with values higher or equal to a and lower or equal to b and return a result as an array. The function should not modify the array. It should return the new array. For instance: let arr = [5, 3, 8, 1]; let filtered = filterRange(arr, 1, 4); alert(filtered); // 3,1 (matching values) alert(arr); // 5,3,8,1 (not modified)

```
function filterrange(arr, a, b) {
    let re = arr.filter((num) => num >= a && num <= b);
    return re;
}

let array = [5, 3, 8, 1]
let fill = filterrange(array, 1, 4);
alert(fill);
alert(array);
```

3. Let arr be an array. Create a function unique_elements(arr) that should return an array with unique items of arr. For instance: function unique_elements(arr) { /* your code */ } let strings = ["React Js", "JavaScript", "React Js", "JavaScript", "JavaScript", "JavaScript", "React Js", "React Js"]; alert(unique(strings)); // React Js, JavaScript

```
let strings = ["React Js", "JavaScript", "React Js", "JavaScript",
    "JavaScript", "JavaScript", "React Js", "React Js"
];
unique(strings);

function unique(arr) {
    let stra = Array.from(new Set(arr));
    alert(stra);
}
```

4. Let arr be an array. Create a function unique_elements(arr) that should return an array with unique items of arr. For instance: function unique_elements(arr) { /* your code */ } let strings = ["React Js", "JavaScript", "React Js", "JavaScript", "JavaScript", "JavaScript", "React Js", "React Js"]; alert(unique(strings)); // React Js, JavaScript

```
stra = prompt("Enter the string")
max = prompt("Enter the max lenght of the array")
truncate(stra, max)

function truncate(str, maxlength) {
    var ab = (str.length > maxlength) ?
        str.slice(0, maxlength - 1) + '…' : str;
    alert(ab);
}
```

5. We have a cost in the form "$120". That is: the dollar sign goes first, and then the number. Create a function extractCurrencyValue(str) that would extract the numeric value from such string and return it. The example: alert(extractCurrencyValue('$120') === 120); // true

```
stra = prompt("Enter the string")
extractCurrencyValue(stra)

function extractCurrencyValue(str) {
    var ab = +str.slice(1);
    alert(ab);
}
```