Exercise 1

Write code to get the only text outside **brackets** [ ] from paragraph.
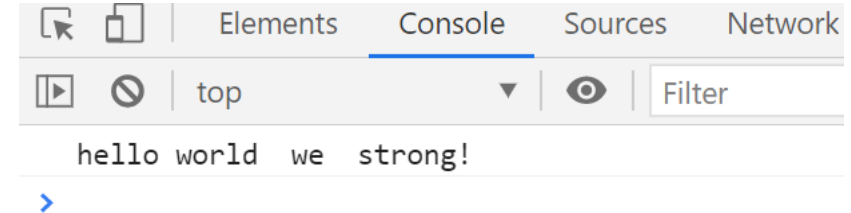
Example:

- **Input**:

    hello [2021] JS

- **Output**:

    hello JS

js > **JS** main.js > ...

```js
1   let text = "hello world [JavaScript] we [are] strong!";
2 ∨ // TODO:
3   // YOUR CODE HERE
4
5   // output: hello world we strong!
```

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hello world we strong!

>

Exercise 2

Write code to sum number after number 1 until number 0.
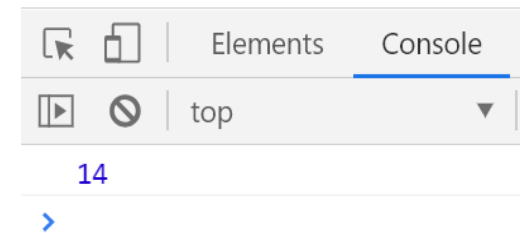
Example:

- **Input**:

    [0, 1, 1, 3, 4]

- **Output**:

    8

Because 1 + 3 + 4

```js
js > JS main.js > ...
let numbers = [1, 3, 5, 0, 2, 0, 1, 1, 2, 3];
// TODO:
// YOUR CODE HERE

// output: 14 becuase 3 + 5 + 1 + 2 + 3
```

Step:

1. Open exercises folder in Vscode

2. Run **index.html** file

3. Open Console on browser (Ctrl + shift + i)

4. Open **main.js** file and write your JavaScript code

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>

Exercise 3

Write code to find maximum of two array.

Example:
- **Input**:

        [2, 4, 6]
        [3, 1, 0]
- **Output**:

        [3, 4, 6]

Because :
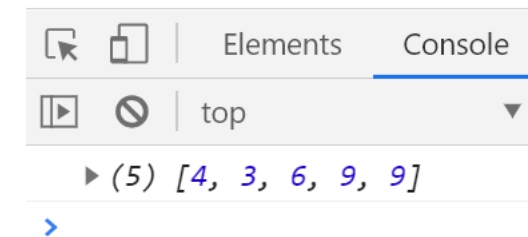*2 < 3 => add 3 to new array*
4 > 1 => add 4 to new array
6 > 0 => add 6 to new array

```
js > JS main.js > ...
    let arrOne = [1, 3, 6, 7, 9];
    let arrTwo = [4, 3, 5, 9, 1];
    // TODO:
    // YOUR CODE HERE

    // output: [4, 3, 6, 9, 9]
```

Step:

1. Open exercises folder in Vscode

2. Run **index.html** file

3. Open Console on browser (Ctrl + shift + i)

4. Open **main.js** file and write your JavaScript code


```
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          ▶ (5) [4, 3, 6, 9, 9]
       >
```

Help!

```
// How to add new item to array
let arr = [];

arr.push(10);
console.log(arr); // output: [10]
```

More details: https://www.w3schools.com/jsref/jsref_push.asp

Exercise 4

Write code to find maximum number and replace all number that less than 5 with maximum number.

Example:

- **Input**: [1, 2, 7, 5, 8]

- **Output**: [8, 8, 7, 5, 8]

Because :
1 < 5 => replace with 8
2 < 5 => replace with 8
7 > 5 => keep the same value
5 < 5 => keep the same value
8 > 5 => keep the same value

```js
js > JS main.js > ...
let arr = [1, 3, 6, 7, 9];
// TODO:
// YOUR CODE HERE

// output: [9, 9, 6, 7, 9]
```

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▶ (5) [9, 9, 6, 7, 9]

>