M Hash Agile | Associate Developm ✕ | P Online JavaScript Compiler (Edito ✕ | +

← → C 🔒 programiz.com/javascript/online-compiler/

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Programiz JavaScript Online Compiler

Interactive Python Course

main.js   Run   Output   Clear

```javascript
1  const myFunction = (array) => {
2      array.sort((a, b) => a - b);
3      let output = [];
4      let firstNumber = array[0];
5      let lastNumber = array[0];
6      for (let i = 1; i < array.length; i++) {
7          if (array[i] == lastNumber + 1 || array[i] == lastNumber) {
8              lastNumber = array[i];
9          } else {
10             if (firstNumber != lastNumber) {
11                 output.push(firstNumber + "-" + lastNumber);}
12             else {
13                 output.push(firstNumber);}
14             firstNumber = array[i];
15             lastNumber = array[i];}
16     }
17     if (firstNumber != lastNumber) {output.push(firstNumber + "-" +
           lastNumber);
18     } else {
19         output.push(firstNumber);
20     }
```

```
node /tmp/g3UK2UWlKz.js
2-5,7,9-10,13,15
2-4,6,8-10
```

```javascript
const myFunction = (array) => {

  array.sort((a, b) => a - b);

  let output = [];

  let firstNumber = array[0];

  let lastNumber = array[0];

  for (let i = 1; i < array.length; i++) {

    if (array[i] == lastNumber + 1 || array[i] == lastNumber) {

      lastNumber = array[i];

    } else {

      if (firstNumber != lastNumber) {

        output.push(firstNumber + "-" + lastNumber);}

      else {

        output.push(firstNumber);}

      firstNumber = array[i];

      lastNumber = array[i];}

  }

  if (firstNumber != lastNumber) {output.push(firstNumber + "-" + lastNumber);

  } else {

    output.push(firstNumber);

  }

  return output.join(',')

}

console.log(myFunction([2, 4, 5, 3, 7, 9, 10, 13, 5, 3, 15]));

console.log(myFunction([2, 6, 3, 4, 8, 9, 10]));
```