



Java Script One Liner Programs (Part1)






Code

`[...new Set(arr)]`; **removes** from an array

Implementation:



```
1  const removeDuplicates = arr => [...new Set(arr)];  
2  
3  const numbers = [11, 50, 12, 19, 4, 8, 12, 50];  
4  const uniqueNumbers = removeDuplicates(numbers);  
5  console.log(uniqueNumbers);
```



Code

Count the number of occurrences of a value in an

```
arr.filter(v => v === val).length;
```

Implementation



```
1 const countOccurrences = (arr, val) => arr.filter(v => v === val).length;
2
3
4 const numbers = [11, 50, 2, 9, 4, 8, 2, 50];
5 const count = countOccurrences(numbers, 50);
6 console.log(count);
```



Code

Check if a variable is an array

```
Array.isArray(arr)
```

Implementation



```
1  const arr = [1, 2, 3];
2  const notArr = "not an array";
3
4  console.log(Array.isArray(arr)); // true
5  console.log(Array.isArray(notArr)); // false
6
```




Code

Find Maximum value in Array

```
Math.max(...arr);
```

Implementation



```
1  const findMax = arr => Math.max(...arr);  
2  
3  
4  const numbers = [11, 500, 21, 9900, 4, 18  
5  const max = findMax(numbers);  
6  console.log(max);
```



Code Generate a Random Integer

```
Math.floor(Math.random() * (max - min + 1)) + min;
```

Implementation



```
1  const randomInt = (min, max) =>
2  Math.floor(Math.random() * (max - min + 1)) + min;
3
4
5  const randomNum = randomInt(1, 10);
6  console.log(randomNum); // Output: a random integer between 1 and
7  10
```



For detailed explanation, check out my Medium Blog:

<https://medium.com/@anshita.bhasin/java-script-one-liner-programs-part1-8b241ff4e78d>

