



# Master JavaScript: 8 Pro Tricks

PRO LVL VS NOOB LVL







## 1 Removing duplicates

LVL  
NOOB

```
noobs.js
let array = [100, 23, 23, 23, 23, 67, 45];
let outputArray = [];
let flag = false;
for (j = 0; j < array.length; j++) {
  for (k = 0; k < outputArray.length; k++) {
    if (array[j] == outputArray[k]) {
      flag = true;
    }
  }
  if (flag == false) {
    outputArray.push(array[j]);
  }
  flag = false;
}
//outputArray = [100, 23, 67, 45]
```

LVL  
PRO

```
pro.js
let array = [100, 23, 23, 23, 23, 67, 45];
let outputArray = Array.from(new Set(array));
//outputArray = [100, 23, 67, 45]
```





## 2 Dynamic properties in objects

LVL  
NOOB

noobs.js

```
let dynamic = "value";
let user = {
  id: 1,
};
user[dynamic] = "other value";
```

LVL  
PRO

pro.js

```
let dynamic = "value";
let user = {
  id: 1,
  [dynamic] = "other value"
};
```





### 3 The ternary operator

LVL  
NOOB



noobs.js

```
let hungry = true;
let eat;
if (hungry == true) {
  eat = 'yes';
} else {
  eat = 'no';
}
```

LVL  
PRO



pro.js

```
let hungry = true;
let eat = hungry == true ? 'yes' : 'no';
```





## 4 Object to Array

LVL  
NOOB

noobs.js

```
let number = {
  one: 1,
  two: 2,
};
let keys = [];
for (let numbers in numbers) {
  if (number.hasOwnProperty(number)) {
    keys.push(number);
  }
}
// key = [ 'one', 'two' ]
```

LVL  
PRO

pro.js

```
let number = {
  one: 1,
  two: 2,
};
let key = Object.keys(number); // key = [ 'one', 'two' ]
let value = Object.values(number); // value = [ 1, 2 ]
let entry = Object.entries(number); // entry = [['one' : 1], ['two' : 2]]
```



## 5 Array to object

LVL  
NOOB



noobs.js

```
let arr = ["value1", "value2", "value3"];
let arrObject = {};
for (let i = 0; i < arr.length; ++i) {
  if (arr[i] !== undefined) {
    arrObject[i] = arr[i];
  }
}
```

LVL  
PRO



pro.js

```
let arr = ["value1", "value2", "value3"];
let arrObject = {...arr};
```





6

## Short circuit conditionals

LVL

NOOB



noobs.js

```
if (docs) {  
  goToDocs();  
}
```

LVL

PRO



pro.js

```
docs && goToDocs()
```



## 7 Populating an array

LVL  
NOOB

noobs.js

```
for(let i=0; i < arraySize; i++){  
  filledArray[i] {'hello' : 'goodbye'};  
}
```

LVL  
PRO

pro.js

```
let filledArray = new Array(arraysize).fill(null).map(()=>  
  ({'hello' : 'goodbye'}));
```



## 8 Number to string / string to number

LVL

NOOB



noobs.js

```
let num = 15;  
let s = num.toString(); // number to string  
let n = Number(s); // string to number
```

LVL

PRO



pro.js

```
let num = 15;  
let s = num + ""; // number to string  
let n = +s; // string to number
```





Exciting Tech Job  
Opportunities Await  
at Wise Recruit!

[wiserecruit.tech/jobs](https://wiserecruit.tech/jobs)