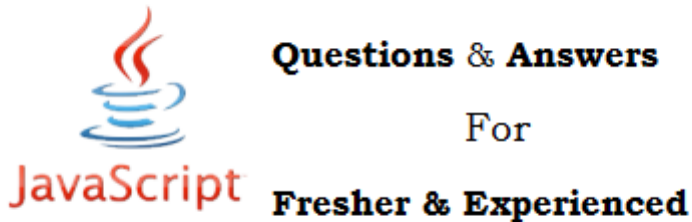# Javascript Questions And Answers for Fresher and Experienced

Question: How to pass multiple parameter in setTimeout function?

```
function myFunctionName(var1,var2){
    console.log('called after 2 sec of page load '+var1+' '+var2);
}
setTimeout(myFunctionName,2000,'value1','value2');
```

Question: How to enumerate the properties of js objects?

```
var myObject = {name1: 'Value1',name2: 'Value2'};
//console.log(myObject); //It will print all the values

for (var name in myObject) {
  //console.log(name+'=>'+myObject[name]);
  }
```

Question: How to measure the execution time of javascript script?

```
var startTime = new Date().getTime();
/*
Write here you script
```

```
*/
for(i=1;i<=500000; i++){
}
var endTime = new Date().getTime();


var time = endTime - startTime;
console.log('Execution time in Milli Seconds: ' + time);
console.log('Execution time in Seconds: ' + time/1000);
```

Question: How to listen (Do some changes) the window.location.hash change?

```
$(window).on('hashchange', function() {
  callNewFunction(window.location.href)
});
function callNewFunction(url){
    console.log('Hash URL is called');
}
```

After appling above code, whenever you add/update the hash value, **callNewFunction** will called automatically.

hashchange event is **HTML5** feature and supported by all modern browsers and support is added in following browser.
1. Internet Explorer 8
2. Firefox 3.6
3. Chrome 5
4. Safari 5
5. Opera 10.6

Question: How to add class in an element?

HTML Part

```
<div id="myDivId">
</div>
```

javaScript Part

```
var d = document.getElementById("myDivId");
d.className += " newClass";
```

Question: How to get the list of classes for an element?

```
d = document.getElementById("myDivId");
console.log(d.className);
```

Question: Can we compare two javaScript objects?

Yes, We can compare two javascript objects. See Following examples.

```
var myObject1 = {name1: 'Value1',name2: 'Value2'};
var myObject2 = {name1: 'Value111',name2: 'Value222'};
if(JSON.stringify(myObject1) === JSON.stringify(myObject2)){
 console.log("Both object are same");
}else{
console.log("Both object are different");
}
```

Question: What is difference between Array(3) and Array('3') in javascript?

new Array(3), means declare the 3 elements and each have value "undefined". new Array('3'), means declare the 1 element and have value 3.

```
console.log(new Array(3)); // [undefined, undefined, undefined]
console.log(new Array('3')); // ["3"]
```

Question: How to get browser URL for all browser?

```
console.log(window.location.href);
```

Question: How to remove an element(string OR object) from javascript Array/Object?

```
var myObject = {name1: 'Value1',name2: 'Value2'};
delete myObject['name1']
console.log(myObject);
```

Question: What does jQuery.fn mean?

jQuery.fn is just an prototype for defining the new functions.

fn is an alias to the prototype property.

For Example,

```
$.fn.newFunctionName = function(val){
console.log('something '+val); //something Test Value
};
$.fn.newFunctionName('Test Value');
```

Question: How to remove an empty elements from an Array?

```
var simpleArray = [1,3,,3,null,,0,,undefined,4,,6,,];
var cleanArray = simpleArray.filter(function(n){ return n != undefined });
console.log(cleanArray);
```

Question: How to add 5 days in JavaScript?

```
var result = new Date();
result.setDate(result.getDate() + 5);
console.log(result);
```