Javascript Interview Questions and Answers for Experienced

Question: What is JavaScript closures? Give an Example?

A closure is an **inner function** that has access to the **outer function's variables** known as Closure.

```
function function1(x) {
 var tmp = 3;
 function function2(y) {
   console.log(x + y + (++tmp)); // will console 7
 }
 function2(1);
}

function1(2);
```

Question: What is the function of the var keyword in Javascript?

var is used to create the local variables.

If you're in a function then **var** will create a local variable.

```
 var x =10;
function function1(){
var x=20;
}
function1();
alert(x); //10
```

var x = 10 declares variable x in current scope.

If the declaration appears in a function It is a local variable.

if it's in global scope - a global variable is declared.

```
x =10;
function function1(){
x=20;
}
function1();
alert(x); //20
```

x=10 declare a global variable.

Question: How can I make a redirect page using jQuery?

```
window.location.href = "http://www.web-technology-experts-notes.in/p/sitemap.html";
```

Question: How can I check if one string contains another substring?

you can use indexOf function,

If string found - It will returns the **position of the string** in the full string.

If string not found- **it will return -1**

See Example

```
var haystack = "full-string-here";
var needle = 'string';
if(haystack.indexOf(needle)>=0){
    console.log('String found');
}else{
console.log('String Not found');
}
```

Question: What is difference between == and === in javascript?

Both are used to check the equality only difference === check with both data type.

For Example

```
 2=='2' // will return true;
2==='2'// will return false;
```

Question: Can I comment a JSON file?

No, but you can add a node on root where you can display the information.

Question: How to Check checkbox checked property?

```
 var checkboxStatus = $('#checkMeOut').prop('checked');
if(checkboxStatus){
    console.log('Checkbox is Checked');
}else{
    console.log('Checkbox is Not Checked');
}
```

Question: How to include a JavaScript file in another JavaScript file?

With use of jQuery, its quite simple, **See below:**

```
 $.getScript("my_lovely_script.js", function(){

});
```

Question: How to remove single property from a JavaScript object?

```
var myobject=['Web','Technology','Experts','Notes']
delete myobject['Technology'];
```

Question: How to add single property from a JavaScript array?

```
var myobject=['Web','Technology','Experts','Notes']
 myobject.push(' Web Development');
```

Question: How to empty an array?

```
var myobject=['Web','Technology','Experts','Notes']
 myobject.length = 0
```

Question: How to trim string in JavaScript?

You can do in very simple way using jQuery.

See Below:

```
$.trim('  Web Technology   ');
```

Question: How do you get a timestamp in JavaScript?

```
new Date().getTime()
```

Question: How to use javaScript Loop?

```
var myobject=['Web','Technology','Experts','Notes']
for (index = 0; index < myobject.length; ++index) {
    console.log(myobject[index]);
}
```

Question: How to detect an undefined object property in JavaScript?

```
if (typeof myobject === "undefined") {
    console.log("myobject is undefined");
}
```

Question: How to validate email address in JavaScript?

```
function validateEmail(email) {
    var re = /^([\w-]+(?:\.[\w-]+)*)@((?:[\w-]+\.)*\w[\w-]{0,66})\.([a-z]{2,6}(?:\.[a-z]
{2})?)$/i;
    return re.test(email);
}
validateEmail('contactuse@web-technology-experts-notes.in'); // Will return true;
```

Question: How to capitalize the first letter of string?

```
function capitalizeFirstLetterOfString(string) {
```

```
    return string.charAt(0).toUpperCase() + string.slice(1);
}
capitalizeFirstLetterOfString('web-technology-experts-notes'); //Web-technology-experts-
notes
```

Question: How to get current url in web browser?

```
window.location.href
```

Question: How can I refresh a page with jQuery?

```
window.location.reload();
```