

JavaScript Basics

Including JavaScript in an HTML Page

```
<script type="text/javascript">
  //JS code goes here
</script>
```

Call an External JavaScript File

```
<script src="myscript.js"></script> <code></code>
```

Including Comments

```
// comment here : Single line comments
/* comment here */ : Multi-line comments
```

Variables in JavaScript

var, const, let :

var : The most common variable. Can be reassigned but only accessed within a function. Variables defined with var move to the top when code is executed.

const : Can not be reassigned and not accessible before they appear within the code.

let : Similar to const, however, let variable can be reassigned but not re-declared

Data Types :

var age = 23 : Numbers

var x : Variables

var a = "init" : Text (strings)

var b = 1 + 2 + 3 : Operations

var c = true : True or false statements

const PI = 3.14 : Constant numbers

Objects :

// Example 1

```
var name = {firstName:"John", lastName:"Doe"}
```

// Example 2

```
var person = {
  firstName:"John",{
  lastName:"Doe",{
  age:20,{
  nationality:"German"
  }
  }
};
```



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