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 fase statements
const PI = 3.14 : Constant numbers

Objects :

```
// Example 1
var name = {firstName:"John", lastNa-
me:"Doe"}
// Example 2
var person = {
  firstName:"John",{
  lastName:"Doe",{
  age:20,{
  nationality:"German"
};
```


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