Sample Javascript

Var globalVar; //global Scope (becomes property of the WindowsObj)  
let someVar; //global Scope (does not become the property)  
const LEGAL\_AGE = 21 //global constant  
avoidThis = 100; //reference to window property

Function func(){  
 var localCar1; //local function scope  
  
 for(;;){  
 var localVar2; //local function scope, but only from this point  
 let blockVar; //block local Scope  
 }  
}

* Primitive Data Types
  + Numbers, strings, Boolean, null and undefined
* Numbers (in decimal notation)
* Numbers in base 2, 8 and 16
  + binaryNo = 0b1101;
  + octalnumber = 0123;
  + hexadecimal = 0xABC;
* special Numbers
  + positiveInfinity
    - single-quote delimited
    - double-quote delimited
    - template literals
    - allowing multi-line strings and expressions interpolation
* Boolean

Var = flag = false

var = greater = 5 > 3

// 0, “, false, null and undefined are “falsy” values  
// all other values are truthy

If(0){ If(0){  
 console.log(true); console.log(true);  
}else{ }else{  
 console.log(false); console.log(false);  
} }

FALSE TRUE

* Loops

Var.loopcounter = 10;

while(loopcounter){

console.log(loop.counter--);

}

* Null and Undefined
* Object Types (corresponding to the primitive types)
  + var s = new String (‘hello);
  + var n = new Number (100);
  + var b = new Boolean (true);
* Dates and times (Date Object)
  + var d1 = new refExp (‘[,]’, ‘g’);
  + var r2 = /[/ :]/g;
  + console.log(‘4/11/2018 1:23 PM’.split(r2));

//JavaScript is loosely and dynamically typed

var var1 = 100 //var1 is a number  
var1 = ‘hello’ noew var1 is a string  
console.log(typeofvar1);  
var1 = true;

//Equality and identity (a.k.a. strinct equality)

console.log (1 == 1); //true  
console.log (1 == ’1’); //false  
console.log (1 != true); //false  
console.log(1 !== true); //true