

JavaScript Code — VS Code Dark Theme Export

JavaScript Complete Course - Personal Documentation & Notes

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Part 1: Basics & Fundamentals

1. Comments & Data Types

```
```javascript
// *- to add a comment in java script i need to use this a symbols like this up and down
// *- data types used in java script :
// *undifined - null - boolean (true or false) - string - symbol - number and object
```
```

Part 2: Functions & Scope

7. Functions - Reusable Code

```
```javascript
//==>Write reusable code with functions
//the function is set up like this " function +function name + () + { the code inside the 2 curly brackets is run }"
//we call the function like this ==> "functionn name();"
//exemple of function :
function Abdellah(){
 console.log(" Heya , Helllo to the best Abdellah fl3alam");
}
Abdellah();
Abdellah();

//passing values to functions with arguments
//inside the function we can have some parameters there like inputs for the funcction for exemple
function ourFunctionWithArgs(a, b){
 console.log(a - b);
}
ourFunctionWithArgs(10, 2);
```
```

8. Scope - Global vs Local

```
```javascript
//✓■Global Scope and functions
//✓■scope refers to the visibility of the variables
//✓■variables outside the function have a globale scope
//✓■exemple of this globale scope
var DJ = 145;
function djhmida(){
 console.log(DJ);
}
djhmida();
//✓■if the variable is in decaled in the function and we call it outside the function the variable is not found

//✓■global vs local scope in function
//✓■we can have sometimes local and global variables declared wwith the same name !!
//==> the local variable took precedence over the global variable (exemple 1)
var variable = "Messi";
function footballer(){
 variable = "Ronaldo";
 return variable; //You just returned a value. Nothing was printed to the console because return only sends a value
}
console.log(footballer()); //It returns "Ronaldo" because the function changes the global variable variable from Messi to Ronaldo
console.log(variable);
```
```

9. Return Values

```
```javascript
//✓■Return a value from a function with return
function minustwo(num){
 return num - 2;
}
console.log(minustwo(100));
```
```

10. Understanding Undefined

```
```javascript
//✓■understanding undefined value returned from a function
processed = 2;
function addfive(summ){
 summ = summ + 3 ;
}
```



















































