**Programming and Scripting languages**

Programming language:

It’s a computer (coded) language used by programmers to write instructions that a computer can understand to do what the programmer wants.

There are 3 types of programming languages:  
1- Low-level programming languages

2- Assembly programming languages

3- High level programming languages

Scripting language:

There are a rule say,

**All scripting languages are programming languages.**

The theoretical difference between the two is that scripting languages **do not** require the compilation step and are rather interpreted step.

For example, normally, a C program needs to be compiled before running so it’s considered programming language not a scripting language.

Whereas normally, a scripting language like JavaScript or PHP need not be compiled. So according to the above rule JavaScript and PHP considered a scripting and programming languages.