

Part 2

2- Difference between Compiled and Interpreted

Compiled Languages: Source code -> Machine code before execution, and that makes when any error happens the program will not run like C, C++

Interpreted Language: Source code -> Machine code line by line at runtime, and that makes when there is error in the code and it will appear only when the code will execute like javascript

3- Difference between implicit, explicit, convert, parse

Implicit: automatic by compiler, safe, no data loss

Explicit: manual conversion, not safe, data loss

Convert: can convert between many types safe, throw exception if invalid

Parse: converts string to specific type, throw exception if string invalid