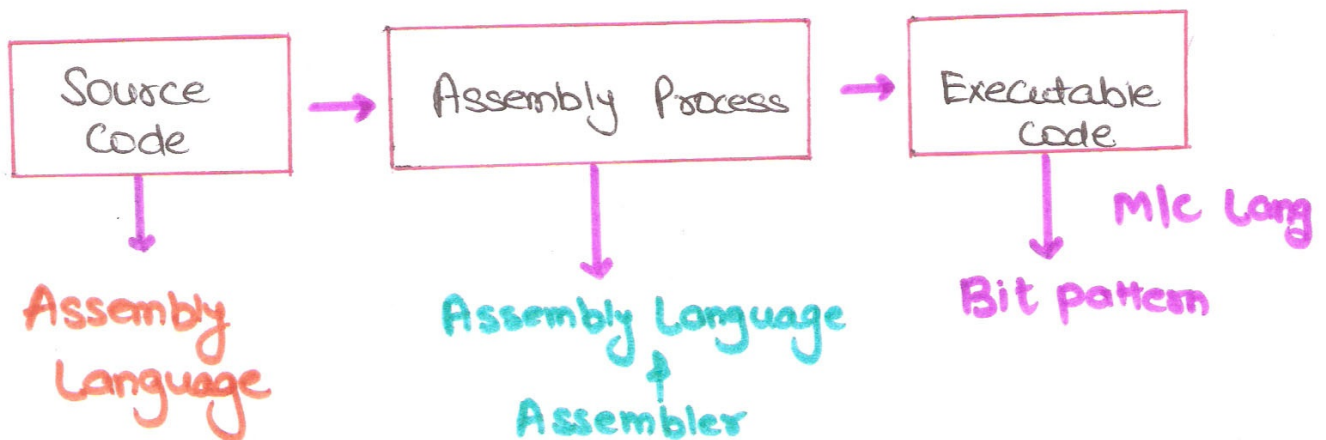


Assembler : Programming Language Translator

An Assembly Language which is basically **Mnemonics** like **GIO, HALT, JUMP, NOT** Code which is translated to **Machine Language** by programming language Translator i.e **Assembler**.

So Assembler is a program that takes Assembly and Converts them into pattern of bits that the Computer's processor can use to perform its basic operations. This pattern of bits is basically Machine Language



Examples of Assemblers are

- NASM
- MASM

