Assemblers: Programming Language Translator

An assembly language which is basically mnemonics like Go, HALT, Jump, NOT code which is translated to machine language by programming language translators i.e. Assemblers.

So Assembler is a program that takes assembly and converts them into patterns 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