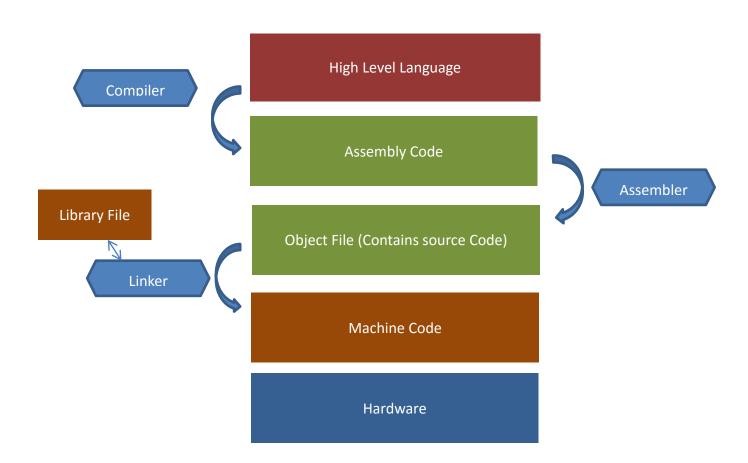By: Ali Hassan Soomro
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Lecture 1 : Introduction to Assembly Language

Compiler	**High Level Language**
	Assembly Code → Assembler
Library File	**Object File (Contains source Code)**
Linker	**Machine Code**
	Hardware

Why should we learn Assembly Language?

1. Better/deep understanding of software and hardware interaction

2. Optimization of processing time

3. Embedded Programming

4. Course requirement

What is Assembly Language?

1. Computer Programming Language

2. Low level Programming Language

3. It uses Mnemonics/keywords