

# Programming for Engineers

## **Terminologies**

# compute

- To determine by mathematics, especially by numerical methods
- To determine by the use of a computer

# computer

- A device that computes, especially a programmable electronic machine that performs high-speed mathematical or logical operations or that assembles, stores, correlates, or otherwise processes information
- One who computes

# program

- A set of coded instructions that enables a machine, especially a computer, to perform a desired sequence of operations
- An instruction sequence in programmed instruction
- An ordered list of events to take place or procedures to be followed; a schedule
- A listing of the order of events and other pertinent information for a public presentation

# programming

- To provide (a machine) with a set of coded working instructions
- To prepare an instructional sequence for (material to be taught) in programmed instruction
- To train to perform automatically in a desired way, as if programming a machine

# engineer

- One who is trained or professionally engaged in a branch of engineering

# programming for engineer

- is a subject that teaches one who is **trained or professionally engaged in a branch of engineering** how to provide a computer with a set of **coded working instructions** to solve an (engineering) problem