

Unit-1 (Computer programming)

Computer programming programs are written using one of the programming languages (FORTRAN, C, C++ and so on). A program has a set of instructions written in correct order to get the desired result. The method of writing the instructions to solve the given problem is called programming.

There are two types of programming techniques commonly used:

- ① Procedural Programming
- ② Object Oriented Programming (OOP).

Procedural Programming:- In this programming, for a given problem, variables are identified and instructions are written using variables in the correct sequence to get the required result. The procedural programming method is commonly used to solve scientific and engineering problems involving variables. Discrete results are expected as the output of the program.

OOP :- In OOP, objects which have data related to a person or item are used. The program can be written using many functional blocks. OOP method is commonly used to develop software packages. C++ is one of the commonly used object oriented programming languages.