



COMPUTER SYSTEMS & PROGRAMMING

Computer Programming

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Introduction

- Set of instructions executed in proper order to accomplish a task
- Used to develop system and application software
- Programming language is converted into machine language for execution with help of compilers
- Categories
 - Low level
 - High level
- Types
 - Unstructured programming
 - Structured programming
 - Object Oriented programming
 - Visual programming
- C++ was introduced by Bijarne Stourstrup in 1983
- An object oriented programming language
- Its is based on C and Simula programming languages
- Many other programming languages are created using C++ like python, PHP etc.



Terminologies

- Compiler e.g. Turbo C/C++, MS Visual Studio C/C++ compiler, g++ etc.
- IDE (Interactive Development Environment) e.g. Eclipse, Codeblocks etc.
- Token
- Syntax
- Errors
 - Syntax
 - Logical
- Instructions
 - Declaration and/or Assignment
 - I/O
 - Arithmetic & logic
 - Control/conditional
- C++ Program Structure



Questions

