

INTRODUCTION

classmate

Date _____

Page _____

Introduction to programming techniques

* Program:

Program is set of instructions written in a specific programming language, written in a logical order to do a specific task.

* Programming language:

It is a communication media through which users can communicate with computers. Examples of high level programming language are

- 1] BASIC (Beginners all purpose symbolic instruction code)
- 2] COBOL (Common Business oriented language)
- 3] FORTRAN
- 4] PASCAL

Now

C, C++, Java

* Logic:

Logic is a systematic way of solving a problem. It comprises of

- A] Sequence
- B] Selection / Branching / decision making
- C] Iteration / loop / Repeatability

A] Sequence:

All the instructions which are given to the computer must be in a proper sequential order. Computer will execute them one after the other sequentially from the beginning till end by default logic flow from Top to Bottom.

B] Selection:

Everytime a condition is checked it will be reserved into