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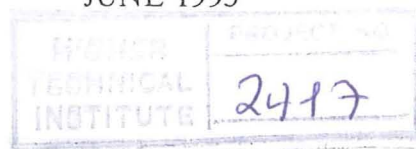
COMPUTER FRAME
ANALYSIS

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SUMMARY - LIST OF TERMINOLOGY

The purpose of this summary is to present the terminology that is going to be used later in this project assignment.

COMPUTER   – a device or machine consisting of electric circuits containing elements and accompanied by devices by which it can communicate with its uses.

DATA   – the information which is to be transformed by the program executing on the computer

INSTRUCTIONS   – the symbols used to create number and variables are used to assemble instructions that cause the computer to act.

SOFTWARE   – computer programs

HARDWARE   – The computer itself, that is, the electronic circuits and the input-output devices.

ALGORITHM   – the mathematical term for a list of instructions by which some specific result can be obtained by a person or device in a finite number of steps programs are algorithms.

PROGRAM   – a list of instructions for a computer to follow.

PROGRAMMING   – writing instructions telling a computer to perform certain data manipulations.

PROGRAMMING

LANGUAGE	– a language used to write programs that direct the computer to do work for us.
FORTRAN	– a high–level programming language.
HIGH–LEVEL LANGUAGE	– a programming language that is designed to be convenient for writing program.
PROCEDURE ORIENTED LANGUAGE	– a programming language suitable for expressing algorithms.
COMPILER	– a system program that translates a program written in a high–level language, such as FORTRAN, into a language than can be executed on a computer.
SYNTAX ERROR	– an error in the form of instructions.
LOGIC ERROR	– an error in the meaning of a program.

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