## Program

The computer must be given an appropriate set of instructing called a progrem, to process a set of Jata.

- -> First, we need to stone it is the memory.

  -> only a stoned program on be enewted processed.
- 1) A set of input date is entered into the computer.
- (2) The mont data is processed to produce certain destred negatives called output.
- (3) Output may be parted using a printer on Iriplayed on a moniter,

Types of P	regramming lenguage
Bourc	lengueze: Mechine languege / Low-Fertengueze
11 ab,()	A wherem of very detalled, cryptic

internal circuitry.

General Language: High level languages EXIC, BASIC, FORTRAN, PASCAL, JAVA,

## TRANS LATORS:

converts 41/h. Level language to machine. Cend

- 1) Compiler: Translates the entire program.
  2) Interpreter: Translates Lone by Line.
  3) Assembler: Assembly language to Machine language.

Interpreted programmy enguyes: (python) / Perl The sounce Code (progrem) is translated into mechanic lengueze before the enewtable file is creeted. An interpreter converts the source code into machine language at the same time the progrem nuns. Interpretien output files. ODT Journe cole Interpreter, butpot

Compiled programming languages (C,C++) Source Object مکو Compiler water Runtone Exportile Library Linver files Run Kmg D Likey D Linker D D object file executite File

