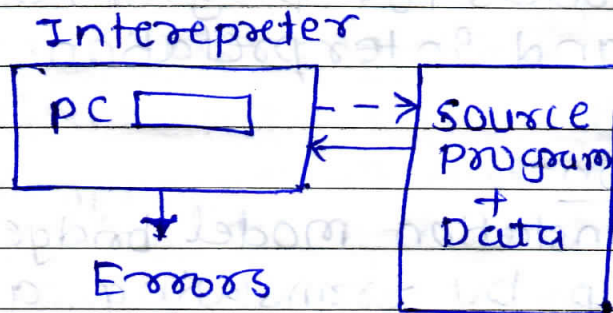


* The interpretation cycle consists of the following steps -

1. Fetch the statement
2. Analysis & determine the meaning of a statement
3. Execute the meaning of a statement



* Fundamentals of language processing -

* Definition of language processing -

Language Processing = Analysis of SP +
Synthesis of SP

* Analysis Phase - We refer to the collection of the language processor components engaged in analysis of a source program as the analysis phase of the language processor.

* Synthesis phase - Components engaged in synthesizing a target program constitute the synthesis phase.

56

* A specification of the source language forms the basis of source program analysis. The specification consists of three components:

1. Lexical rules which govern the formation of valid lexical units in the source language