

1. Fundamental of language processing.

Language Processing = Analysis of SP + Synthesis of TP.

- ☐ Analysis phase of Language processing
- ☐ Lexical rules which govern the formation of valid lexical units in the source language.
- ☐ Syntax rules which govern the formation of the valid statements in the source language.
- ☐ Semantic rules which associate meaning with the valid statements of the language.

The synthesis phase is concerned with the construction of target language statement which have same meaning as a source statement.

- Creation of data structures in the target program(memory allocation)
 - Generation of target code.(Code generation)
- Language Processor

2.Explain back end operation of toy compiler

