

ASSIGNMENT # 01
COMPILER CONSTRUCTION (CS-310)

SUBMITTED BY
MUNIB-UL-HASSAN

ROLL NO #
CS19-037



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Qno 01:

1. Structure editor:

It is any document editor that is cognizant of the document's underlying structure.

2. Pretty Printers:

It prints the program in structured way by which it is clearly visible.

3. Static Checkers:

It indicates error before compilation by red underline or some other way(depends on compiler)

4. Interpreters:

Interpreters reads each statement of source program step by step and perform the instructions which is coded.

Qno 02:

Simpler design is perhaps the most important consideration. The separation of lexical analysis from syntax analysis often allows us to simplify one or the other of these phases.

(I) Compiler efficiency is improved.

(II) Compiler portability is enhanced.

Qno 03:

1. Deleting an extraneous character.

2. Inserting a missing character.

Replacing an incorrect character by correct character.

4. Transposing two adjacent characters.