Assignment-3

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Leaical Analyser:

-> Reach the successive line.

7 Breaks into Hums Cike identifier operator, de limiter

+ constructs symbols fable.

-> Symbol table allocat memory

Lexical Analysis is the first phase of the compiler also known as a scanner of convert the high Cevel input program into a sequence & tokens

\* Lezical Analysis can be implemented with the Deterministic finite. Automatai

-The output is sequence of fokens that is sent to the parser for syntar analysis Cypound on work for pur

Syntas Analyses

-> Expression, statemed, declaration dentified

-> Aided by formal grammers of programming

Conquagi Syntatic analysis or parsing a syntan analysis is the third place of NLP. The purpose of this phase is to draw exact meaning from the feet. Syntax analysis check the feet for meaningfullner

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comparing to the rules of formal grammer.

For Example the Sentena CIGA, 11 Not rice cream's would be rejected by sematic Analyze,

- staint d'ample table. Sematre Analysis promon tools slad doding &

K. Mistray turn 99

-> Analysis phases of Syntax.

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Led - Cexical Analyser Yacc - Yet Anotir compiler

Sematic Analysis make sure that declaration and Statements of program are sementally correct it is 9 collection of procedures when is called by parser as and when

Both Syntan tree of previous phase and Symbol table are used to check the consistancy of the given ade, Type checking an imported part of Sematic analysis where complier makes sure that operator has matching operands. that the work private some that waster

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