recovery:

Rose of letical analyzer? Lexical analyzed is ethe first phase of Compiler the lexical analyzer seads, the ilposource program from lest to night character at a time of generates the Sequence of tokens. o some of tokens. \* Each token is a single logical choose unit Such as identifier Keyword openators & functionation marks and soon the formula of the downce of the parser to determine the syntax of the downce ряюдат can we these tokens. the scale of Resical papalageriain the 12000013 of the compilator is as shown below now to below the stronger will be supply to fill the same of the stronger to the stronger potion: Sets of sule of Harming adaption of Ilp. Lenicali tokeno pansen squax Part of Target string analyzer Return Return As the lexical analyzer ocans the dource perogram to soit viewngnise the tokens to is also called as Pranner. skill \* apart from token sidentification; lexical , analyzer also perjoins following junctions. It rolowago pri " solitobi Sunctions dof Electral Hanalyzers-bi all- adjob at woh. \* 9t produces stream just tokens \* 9t eliminates blanks tomments \* Il generates symbol table which stores the information

about identifier, constants encountered in the ip. \* It keeps track of line numbers while while > At reports the Euror Encountered of generating the tokens \* The lexical rolling analyzed works for a phases. 105 long lo In 18th phase it performs scarous in the and phase it does d'exical analysismit à la restapped 1 tapine à Means it generates the Series of tokens token, patteur, leveris Jerminologies which are frequently used when we thatk about the sactivity of lexical analysis It describes the class caregory of sip of string to Jokens? Ext identifier, keywords, constants d'are called tokens pattorn? - Sets of sules that describes the token Lexemes: Béquence of characters in the Source program that are matched with the pattorns of the token. Let us token one Example of programing statement to clearly understand these terms per if (acb). Here Jantojo in 401/100 books of one call pleximes singnon \* If a keybox word, Ib(is) is opening bipaxathesis, latily identifier « is a operator of soon my grindle tom Now to define the identifier pattern could be 1. identifier is a collection of leffergues & resuborg 2. signifiées 1814 escollection of telecus alpha numeric character

+ identifiers begining character should be necessary a 1 etter. 3. A compiler scans the Source program & produces sequence of tokens, therefore Lexical analysis is also called as ments of tokens, therefore Lexical analysis is also called as ments of the second of t Scanney. Lor Example: -The piece of Source code is givernabeloust tod plosent for the piece of Max (sat a; sat b) much so parets all of policy i + i / (desb) 1 + i + E i / (desb) [i To Seath and its of de soon at the blank space. To Encountous, it identices Fort sold of the s Keyword identifica III operator identifier ! operator operator operator The blank I new line characters can be ignored these Stream of tokens will be given to syntax analyzes.