Lexical Analysis a) Program must be written in the 1ex Programming language 6). Lextension lex source c) Mike Lebr & Evic Dohmid Lin 1975 inverted it d) It charges into transitional diagram called lengy. c Caffor, generating e) Three phases of conversion File -> [Lexcompile] -> lex. yy °C Lex.yy.c > [c.umpiter] > a.out Input -> [a.out] -> stream of Lex-DULTYACC - scars input string character by Character Format of the Transition diagram
generated in three partsections

Medaration rules separatedy 110000 2) Transition Rules ? Translation Eminist Army Eurus Syntax % 2# include (statio.t) intci ./. 3 % % patton(--rules--) main() - auxilory Fun Chons 3) yykxt 2) 441ex() 1) AARLOTO) · not a turk · rad in put · called when · pointon to string, L inputio generatus rakerus inputing exhausted put according to regulared

```
1/8 # include (stdio.n)
  "hi" printf ("bye");
       moun ()
    d aprintf ("Entorinput");
          yylex();
      int yywrapl):

{
return!;
```