

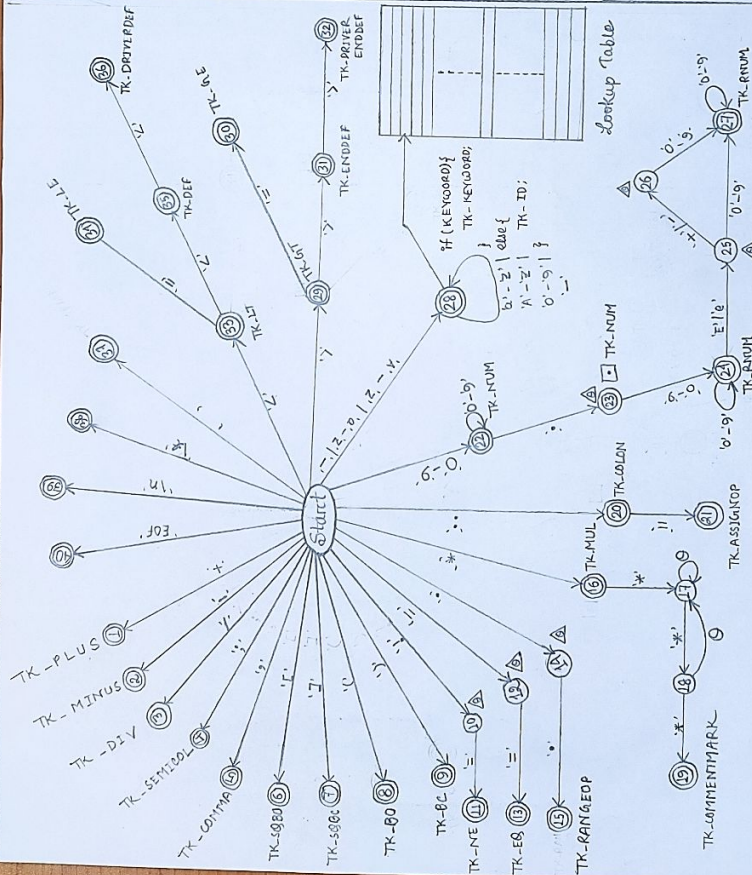
Madhav Madhuroodan (2020AEP50049P)

Slide 33: 94 there is a symbol other than 'a'-12' - 'A'-12' '0'-12' '1'-12' comes, then it is either a KEYWORD or an IDENTIFIER. Therefore, in order to find if it is a KEYWORD, just before tokenizing we search for the input in a lookup table and if we find it, we tokenize it as corresponding KEYWORD, else we'll tokenize it as an identifier.

⑥  $\rightarrow$  Go to trap state in case of 0.

TK-RANGEOP, TK-NUM but we can only know this after encountering second dot.

P.T.O.



DEA

State 17: If we find a new line char( $\backslash n$ ), increment linecount by 1.