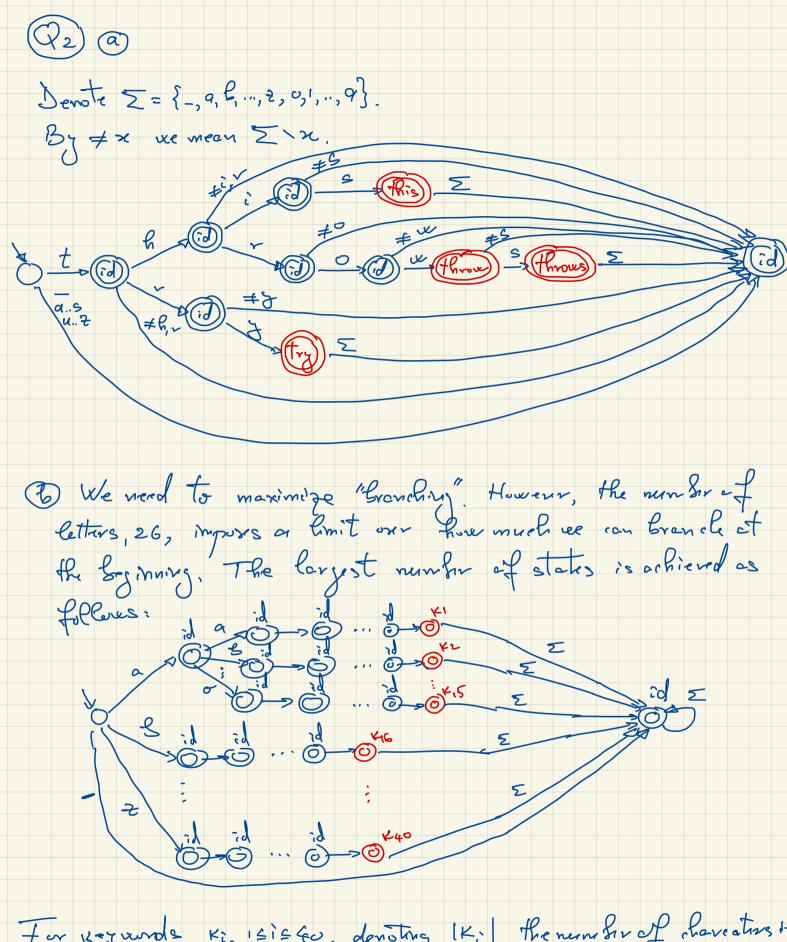
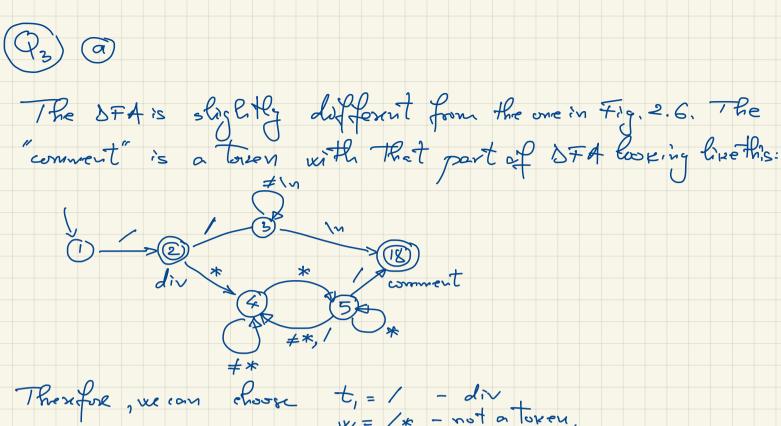
902 1A

(A1-80C) accepted by the regular expression as shown below: /* (non-*,) * non-) * * +/ /* ** / */ Correct expression: /* (non-*/) * *+/ at the very end (*...*/), are matched here, followed by a non-*/ character.



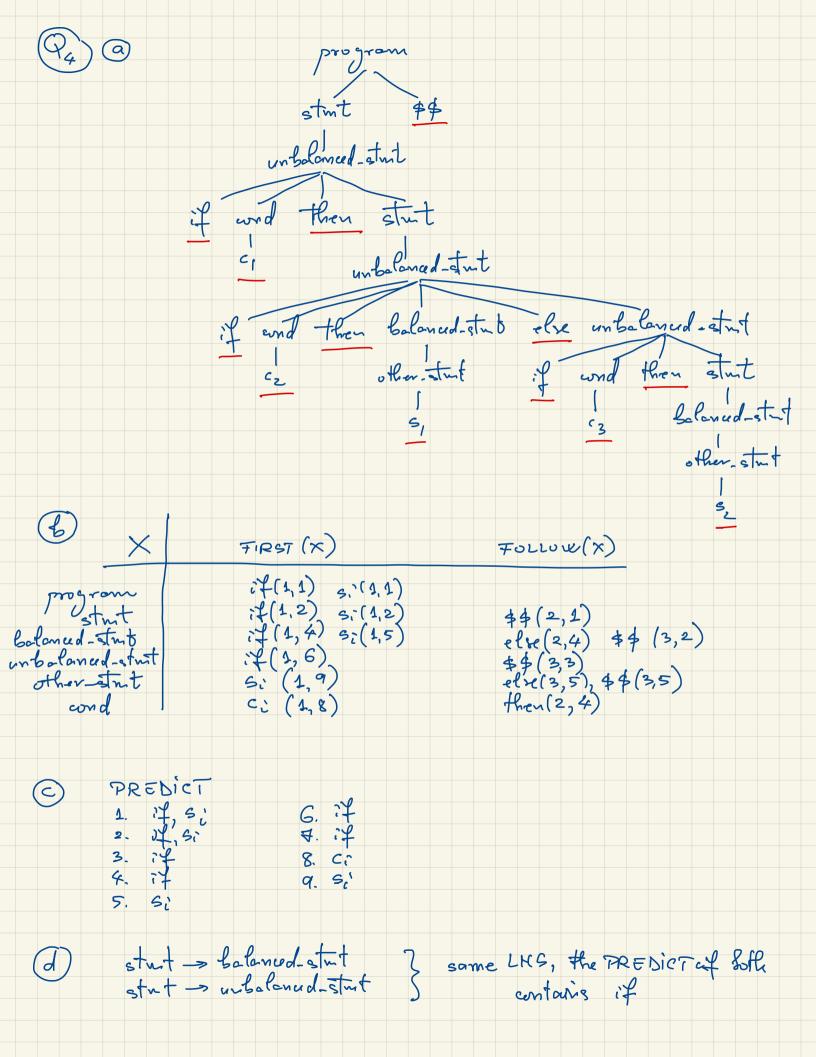
For key words ki, 15is &v, denoting |Ki| The number of chareating in

Ki, the number of states is \(\frac{40}{1=1} \) |Ki| - |4+2 = \(\frac{1}{1=1} \) |Ki| - |2



t, = / - div w = /* - not a token t = /**/ - comment

Example: /* **
unread characters



- (e) there is no left-recursion
 there are common prefixes for productions 6 and 7

 new grammar has the following productions in place of
 former 6-7:

 unbalanced stat -> if and then unbal-stat-tail

 unbal-stat-tail -> stat

 unbal-stat-tail -> stat

 unbal-stat-tail -> balanced-stat else unbalanced-stat
- (f) It is not L2(1). It has the same conflut from Sifox:

 stut > balanced stut

 stut > unbalanced stut

 contains if