```
22(1)
 S(S) & SSI & eof input: (S3) eof 2. Left-factor 4x.
                       E 1. Remove Left recursion.
                        A→ d.ldzl..ldnlAB, IAB, I.AB, I.AB, AB, IAB, I.AB, D 産益口対分会が去掉
                            A'一个,A'|BA'|...BmA'|在②浅蓝巾的部分地支电抗
                                                      本立力上新的NonTerimal
DASSTART symbol S puch from right to left to.
                                                 ③ 龙山 (新Mon-Tecjant).
②S(→(S), ##Let->Pigt=Up>Down.
3 check the first symbol teriminal, match current token, call next!
                       NonTeriminal, son port then, read current token . X
 FIRST 有两种, 左边先定义, 再定义右边, 两种规则不样!
 S-) BUDB FIRST(S) = FIRST(BD)=FIRST a
                      = FIRST(B) + FIRST(D)= fa, c) + fd?
 B-7ables
 D->0/2
                    = fa, c, d}
                                                    FOLLOW(S)= (FOF, c)
                                                           (B)= fc, EDP).
              HRST(cS) = fc3
                                                           (D)={a,c}
              FIRST(a,b) = {a}
              FIRST(DB) = FIRST(d) + FRST(B) = fd, a, cq
FOLLOW only defined for single non-teriminals! RHS, no E! has EOF!
     C1. if A start add eof, Cz Add FIRST(B) - FEB C3 Add Follow(X) if 2 in B
Table: each production x > X
                                               FIRST (BC)=fa,c?
       for each terminal t in FIRST (x)
          put of in Table [X][t]
                                                          · FOLLOHO)
                                         Put Bc in [s][a]
       of & is in FIRST(X)
                                       t=c BL in [s][e]
           for each terminal t in POLLOWCX)
             peta in table [x][t]
                                           Laft to Right scan of input
Table collision + LLUD. => LR Parsers! < Retters Retterse rightmost derivation!
  Sintch action(t, a) } Pace Table.
                                             Closure(I) X>d.BP to RB
     case shifts:
                                               HB→Y, 和规则就
         a=scanc); Haext token.
    Case reduce A-7x
                                           GoTo(I,X) pre
                    tack of should be pushed = Closure (FA SXX.B | A > X.X3 is In I)
         pop leigth (d) times
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