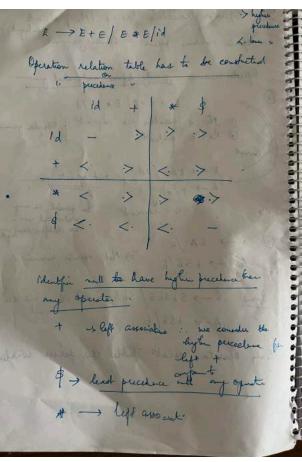
Reasure descent passes (For every valuable, there with B -> 1E' E' → + i E'/ € l-> lookaheed weekle B() l= getchar(); { if (le=1) A (l=='+') at match ("i"); match (+) match ("i"); をつう Pelie selfer & geodula! match (char t) main () 4 (l==t) rE(); l = getchar (). 2 if (l== (\$) else prot ("eva") 3 ff (paring successful) Exclosed The TE 19

Bottomup Rem. Decedance Paring (No prot with ambiguity) Opertor puedero prece - Opertor geamon Operator grammer - generally defines makematical gramm & → E + E | E * E | id @ No & natulle we adjacent } speeds gene E -> EAE I'd ? Not operating you A -> +/x adjacent In general, is any walkenstead epps to a two identifies damped come (3) = 8 → 8 As/a =) Not operator grammer. A -> 656/6 Expand 8 -> SbSbS/SbS/a 3 No 2 rat are A-> 686/6 > Ming operator relator table the forces with



id + 1d * id \$ Gr. Parce top of the stack is & lookaheed speech Whenever . > lookahead => pop top . \$ id + id + id 4 [4] \$ < id >> push id id + id * id \$ [4] id id \$> + => \$ pap id => id is reduced to teen € \$ 5 + => puch + id + id * id \$ + < id >> push id id + id * id & \$ + id id > * > posid -> id to reduced to E + 5 * => pud * id + id * id 4 * < id = pushid E id+1dx1d \$ [4]+13-1did + id * id \$ \$ id > \$ pop id ⇒ id > € T4 + 4 \$ \$ -> Sucay p\$ + 库

Ga) id + id + id + id \$ < id | \$ | id | puhid jd+id+id id+rd+id + < id puhid latid id+id+id id > + popid id+id+id\$ 12+12+id 4 to id > 4 -> pop ナフタ →pol

of & there are in operators in the grammer of the the no genture () = six of the selection : Disabrantege = size of the table . on order to V the size of the table >> her create operator for table ic for some tate of and column of (fid) (gid) 12 (3) + < > < > TATO longest father find the length of the After constructing the graph, check if it is expected in table can't be generated. Find the length of largest peth stratey from $fil \longrightarrow g_* \longrightarrow f_+ \longrightarrow g_+ \longrightarrow f_{\xi}$ gid $\rightarrow f_* \rightarrow g_* \rightarrow f_+ \rightarrow g_+ \rightarrow f_+$ 1 d + | * \$ 1 d + 2 d 0 8 5 1 3 0 (Funds take size O(2 n)

10 70 2 > 1 acc + > + f@ 90 473 f & 9 (4) Same results ran be obtained, with lesser tigs of table Disadvantage: id and id >> Blank in relate talk

> Non-blank entry in for table

Black entry is generally even. the ever detects capably of relate that table is lesser than that

But generally, is for table is used.

In c, no. of operators - appear los

\$ lelar tell > 10000 entry

