-> Ins- loe- after -> del-last -> Ins- loc - before - del-loe of sel-first

- Ins- 10c- after:

This algo- inserté a node (whose info field contains X) after a mode whose address is given at Loc.

If Lot = NULL, then the node is created as first nade.

1. if avail = NULL, write "overflow" and orderen

2. new = avail, avail = link (cevail)

3. info (new) = X

if doc= NULL, then link (new) = FIRST set FIRST = new

else link (new) = link (loc) link (loe) = new -

5- Exit.

This algo. is used to insert a node with informs. Containing, X before a node with address doe

If doc= NULL, then the node is inverted as first-node

1. if avail = NUZL, write "averflow" and reliven

2. new = avail, avail: link (avail)

del-last: This algo. delelés a nocle from the last posen. of linked tiet 17 if FIRST = NULL, write "emderflow", releven -29 if link (FIRST) = NULL tam FIRST = NULL 11 2 dist has only Set PTR = FIRST repeat (step 4) while (lenk (sink (pta))) + NU 22 Ptr= link (Ptor) link (PAR) = NULL Exit 100 link (link (ptr

Del-loc: This algo: delette a mode with address doc from
the details whose first mode address is storted in

FIRST pointer.

if FIRST = NULL, write "underflow", return. set PTR = FIRST repeal step 4 and 5 while (PTR + doc and 2. dink (ptn) +NU22) 3. PRED = PTR PTR = link (PTR) if PTR + LOB, print "node not-found", reluin. if PTR= FIRST then FIRST= link (FIRST) 7. else link (PRED) = link (loc) link [loc) = avail or reluin node to avail lest avail = loc 9. Exil-المقا

of Revense of L. dist (use stack D3)
to be covered later....