AGENDA (i) REVIEW LL RECURSION (2) REVIEW S/Q B1+0 (3) TREES (1) BINARY TREC

2) BINARY STARCH TREE

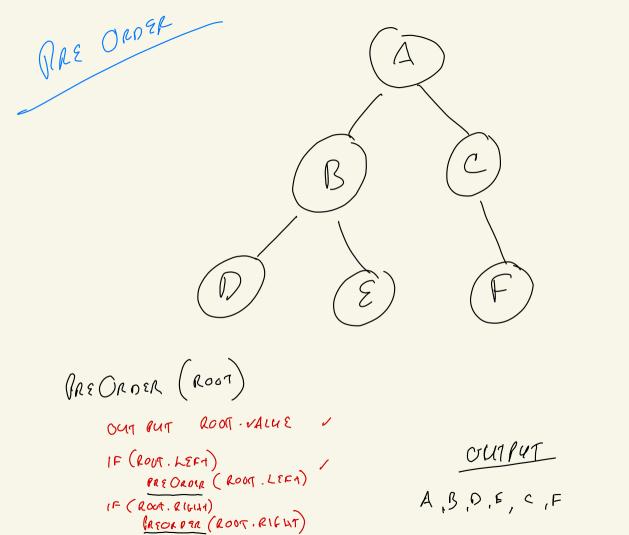
"ARRUSASEP LINKSO LIST ITEMAT () LIST " NODEKTY HEAD TAIL · VALUE : AMJANINC CLASSES · NEYT TRAUERSALS · Ling Herr Comment) JECRET 2 RUNNERS · WHILE CHAVE A NODE · hous current To some was CAMENT . NCKY

" PROCESSED" 100 ORDER MATTERS LAST ON JIRST OUT AS you TRADENSE... THE ENTRY W ULEN IS REMOURD " FNA RIES" · VALUE M ETH ODS · NEXT Beek () & BOOL / VALUE 1 DAVIDAL C "1701" () EMPTZ() C BOOK (IF TLA) PUSH() < PUTS EMR7 ON TUP of MACK POP () E REMOUS + RETURN

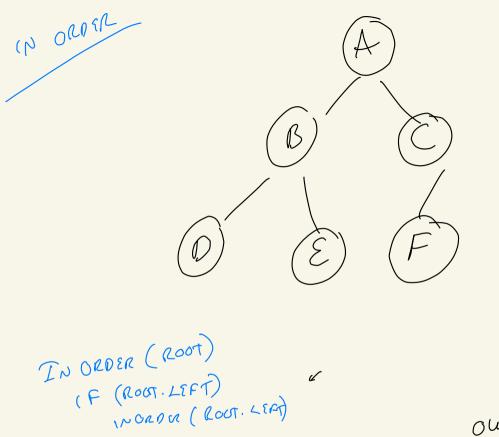
"GROCESSED" CRUSA TWATERS QUEWE, FIRST W HEST OUT BACK NONES TRONT ENTUES METHORS 9 RAUSES E Per a Bosc/VIL WHICE ICAN PEEK() 15 Engry & BOOK Definence Renover + Returns FRONT I Dequeux() Enqueux & Par NEW CARZ IN BACK

TREES LBINARY ROOT LEUEL 9762 PARENT LAAF CHILOREN HEIGHT = 2 # EDGES FROT ROOT TO LEAF

RECURROTES TRAVENSE O PRE. OROER L.F. FIRST 2 IN-CAPER FIC (3) 8059- ORDAN 0, 4, 8, F, C, A BREADTH FIRST B16 0(H) ALL NODES SEE H EIGHT * POT WTIALLY * , * , * , * , * , * BFI WHILE DUENE 2001 ENGUE WHILE PEEK ENGUE LEFT RIGHT OEF neane



CALL STACK



OUTPUT

OUTPUT

(ROOT, RIGHT)

(N ORPUR (ROOT, MCHT)

OUTPUT

D,B,E,A,F,C

CALL STACK

BREAMH QUEUE ENQUE (ROOT) WHILE (C. PFEK) & DEans () OUTPUT -ENGUEY (UFF) EN OUSC (RIGHT)









BINARY SEARCH TREE < = LEFT > = CIGHT IN-ORDER JAAURMS 3,4,5,(,10 BIF (Logn)