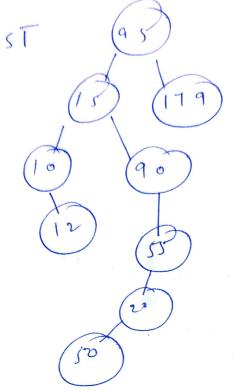
TARUN DUMKA St. id = 20711075 2.1 313 MCA 1) 85T for data ele 95, 15, 179, 90, 10, 55, 12 i) first ele will se not. 2) then 15 < 95 will come off left (3) 179) 95 bat > 95 95

TARUN DUMENT Pinal BST



Alga for 1st order traversel

step! Repent steps 2 to 4 obile Trees=NIULL

step 2: Post or DAN (TREE-) LEFT)

step 2: Post or DAN (TREE-) RIGHT)

step 3: White TREE - DATA

step 4: White TREE - DATA

step 5: END of Loop]

でころ # RE 1 45 L IARON 0 × d × 1 Shores DUMICA Y a YELSE troverse is & o(x) S UMBA 805 sinory tree spon e 2 completely ORDER 3,000 Tid 3 4 4 400 7 To the state of th 10 px d 01 750

)

TARUN DUMKA

MCA 3B

Stid = 20711075

(h+2)th Lihonder hr.

0(2) 9) A filonacei hap is a data struture that weekt of a collection of trees which follow has hap or max

heap Property.

The oficenami keep 1 a wide can have the filonaeri heap is at all the filonaeri heap is called fibonaeri heap because the frees are constructed in a way such that a free of order n has at least they hades in it, where fine at the

High Algorithm for inscription
1) Create a new nodes (x)

2) Check whether Heap H is empty or not

3) if H is empty then make H (Now.) point

for X

4 else Insert X into noot list & update

4 union - to filonaci heaps union UI Q UQ

9 9

1. John mot list of fib hear UIL UL

2 make single fiberami Hear H

2 if U/(min) { U2(min) then

U(min) = UI(min)

3. Age

U(min) = UI(min)