Leftist heap merge example 16 November 2020 19:22 Consider the following t heaps A, & Az. (2/1) (42) (1/1) CIA Merge HIGHE Step 1: Compan moch of H, &Hz. Root (Hi) = 3 Root (H2) = 6

Step 2: Compare root of right Suffree of 3 With root of Hz.

Min is 6. Push to stack.

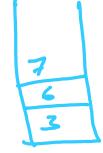


Ster 3:

Compare noot of right subtra of 6 with 8

(4) 7 with 8.

Min is 7 push to stack



Step4:

of right subtre 47 with 8. (4) 18 with 8.

Mir = 8. Push to stack



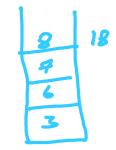
step 5

Compare root of right subtre of 8

with 18.

cer Null with 18.

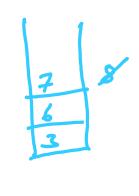
Since it is null, return other answered (us) 18

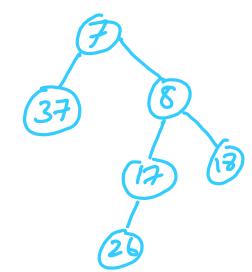


to right of Subtree with root 8.

Satisfied.

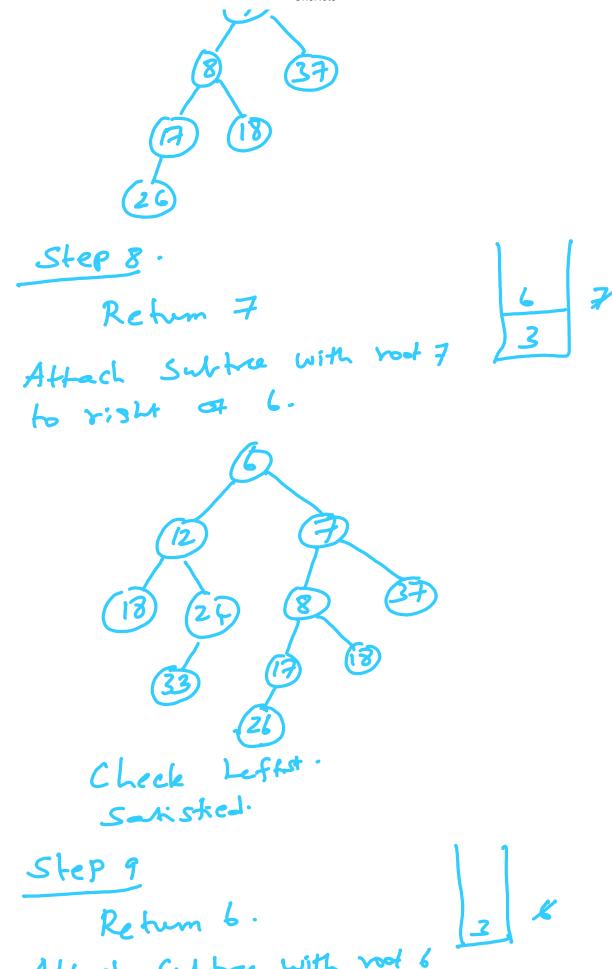
Ster Z Attack Subtree with root 8 to weir of 7

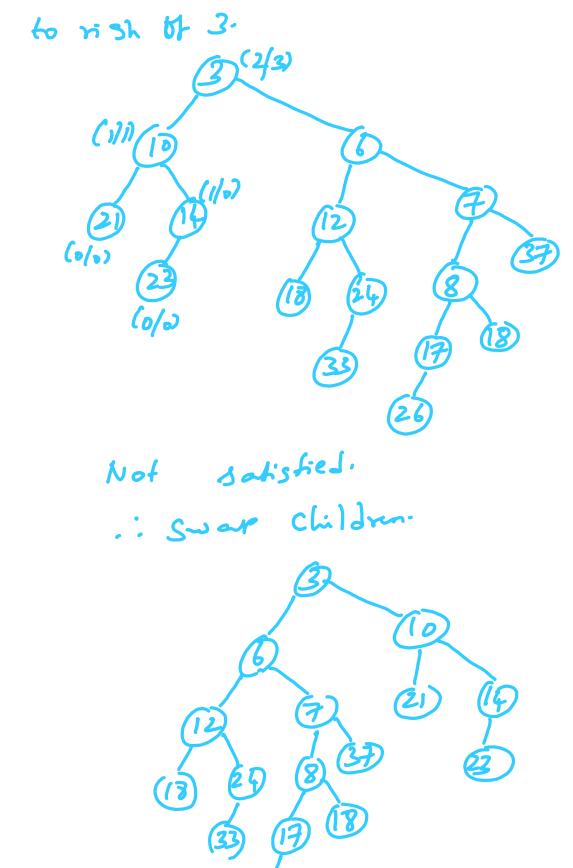




Check Leftist. Not saksfred. sway children.







Step 10

Stor.
.! Final merse tree is
Shown above.