MD YASEEN AHMED

1BM19(S404.

ADS Lab viva.

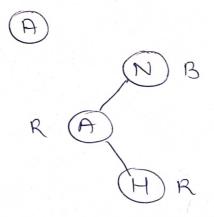
(Red/Black Frees: MD YASEEN AHMED.

B: Black

- (i) Invert (N) &
- (N)B.

R: Red.

- (ii) invert (A): (N) B
- (Pii) Invest (H): H can be inserted to the night of

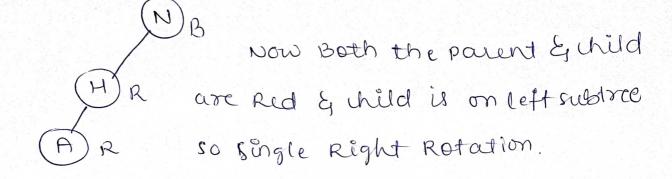


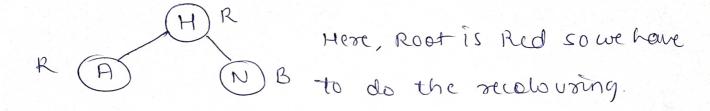
Both, the child & parent are red also child is on right subtree so ringle left Rotation

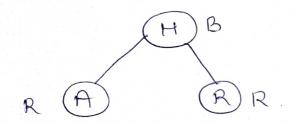


MD YASEEN AHMED

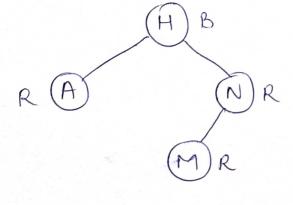
1BM19CS404.







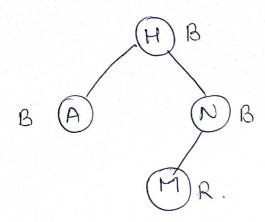
(iv) Insert (M): M can be inserted on left subtree



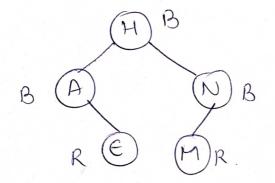
Herr, Both persent & child) R are Red & child is on left subtree we can do the recolouring



MD YASEEN AHMED 1BM19CS404

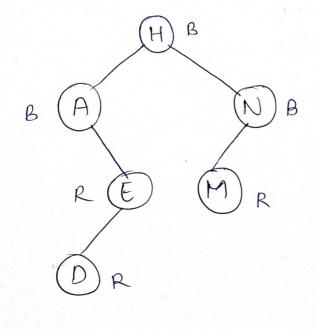


(V) Invert (E): can be inserted to the REGIT of A).



NO, Red/Black tree Property is voilated.

(vi) Insert (D): can be inserted to the left of (E).

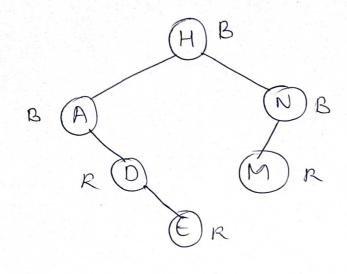


Both parent & child are red & child is on left historie. Single left Rotation

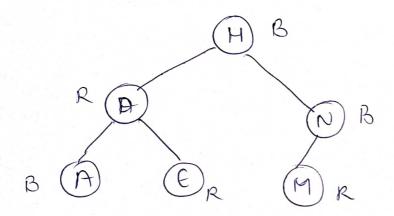
- Sy

MD YASEEN AHMED

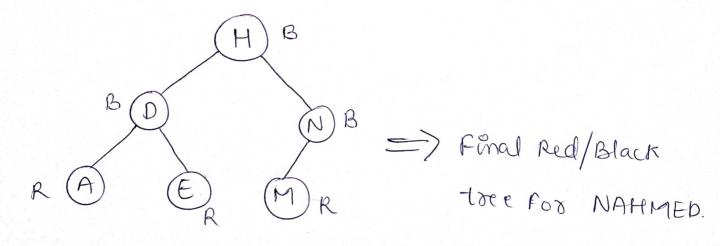
1BM19CS404.



Now, perent & child both Red & child on Right subtole.
Now single Left Rotation



Now Recolouring how to be done.





MD YASEEN AHMED 1BM19CS404.

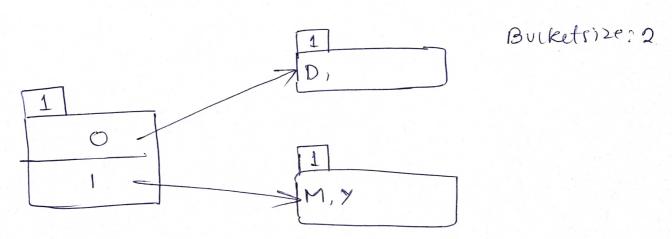
Ads lab - viva.

2) Hash table using extendible hashing ?

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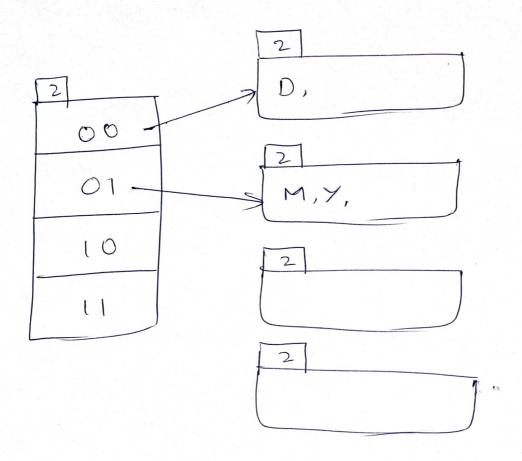
First 7. Characters: MD YASEN.

Global Depth: 1 & local Depth: 1





MD YASEEN AHMED 1BM 1968 407.



Inserting A, and Bucket But collision occurred

