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USH - 1BM18CS022
Date: Page:
Write-up
Insertion in AVL tree
Node * insert (Node* h, int key)
d and a land a l
if (h = = NULL)
A CO
h = new Node
h → data = d key;
h → left = NULL;
h→ right = NULL; return h;
1 Charles
else if (key < h > dota)
f ( roy < n > dola)
 h → left = insert (h → left key)
h = balance (h);
3
 also if (also)
 else if (key > = h -> data)
 {
h - right = insert (h - right, key);
h = balance (h);
3
return h;
1
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Nome - AYAN DAS USN-1BM18 C5022 Deletion in AVL tree Node \* \* del (Node \* h, inte int key) if (h = = NULL) return h. if (key < h >> key) h > left = del (h > left , key). else if (key >= h > bey) h right = del (hr right, key). else of if ((root -) left = = NULL) [ (root -) right = = NULL) Node\* t = noh > left? h > left: if (t == NULL) t == h; h == NULL \*h= \*t; free (t); else { Node\* t = minNode ( h → right). h skey = t > key; 2 h right = del (h right, tokay);