```
SNEHITA: I
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Node * signe kor (Node vy)
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     Node in-y → left;
     Nale + tz = 2 - right;
     2-ngh, y
      y → left = 72
      y - height = max (height (y-left), height (y-) right) )+1;
     n - height = max ( height (n - lift), height (n - right)) + 1;
      return n;
Node * left Rot ( Node *x)
     Node xy = x-right;
                                 was more of he extly
    Node *tz = y- lift;
     y- left =91;
     n-ngm, t2;
     n-height = max (height (n-left)) height (y-right))+ 1;
     Balancefactor (Node *N)
       if (N== NULL) return 0;
       Return height (N-) left ) - height (N-) right);
```

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Node * insert ( Node & node, int key)
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     4 ( node = = HUIL)
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           return new Node (rey);
     4 ( key < node - key)
       node - left = insert (node → left, key);
     else if (key > node - key)
        node → right = insert (node - right , tey);
          setuen node;
     node - height = 1+ max ( h ( node - left), h ( node - right ));
     int b = Balance Factor (node),
     9 (671 20 key < node - left - key) return rightkot (node);
     if (b<-1 22 kej > node-right >ky) setur left Rot (node)
     if (b) 1 22 key > node - left-key)
         node - left = left Rot (node - left;
          Return sightRot (node);
    return node;
 DELETE ( 1000) node *p, int data)
  L & (polet == NULL 22 possight == NULL)
       h q (p = = this - boot)
                   this - loot : NULL;
          delete p;
         leturn Hull,
     y (p-data < data)
        p - sight = delete (p - sight, data);
   else if (p-data > data)
                               p-left = delete (p-left, data)
```

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