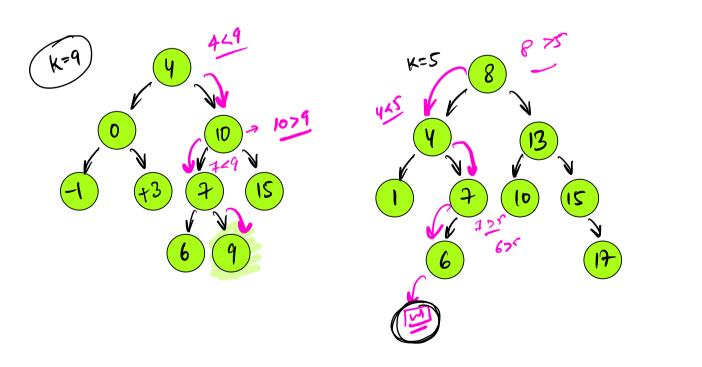


, searly K on BST



```
bool seach ( node 100t, mt K)
                Node temp = root ;
            while (terp = neele)

d if (terp deta = k) retreen frue;

else if (terp deta < k) terp = terp night;

else terp = terp lift;
```

```
Node temp= root;

prev=NUU;

while (temp = null) prov=temp;

if (temp deta = k) return frue;

else if (temp deta < k) temp= bemp night;

else temp= temp lift;

if (prev == NUU) return new Node (k);

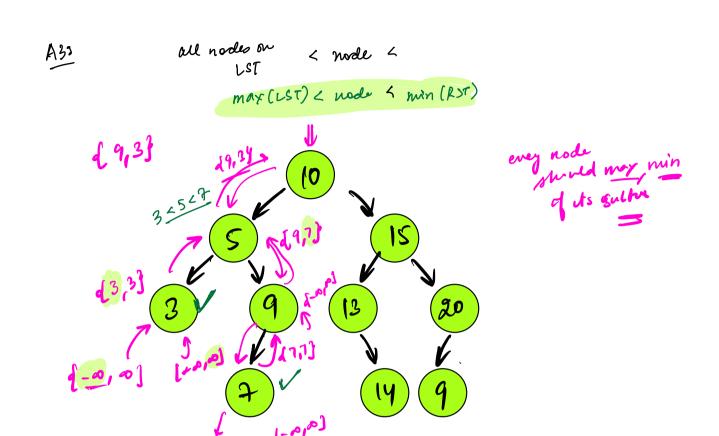
if (k < prev deta)

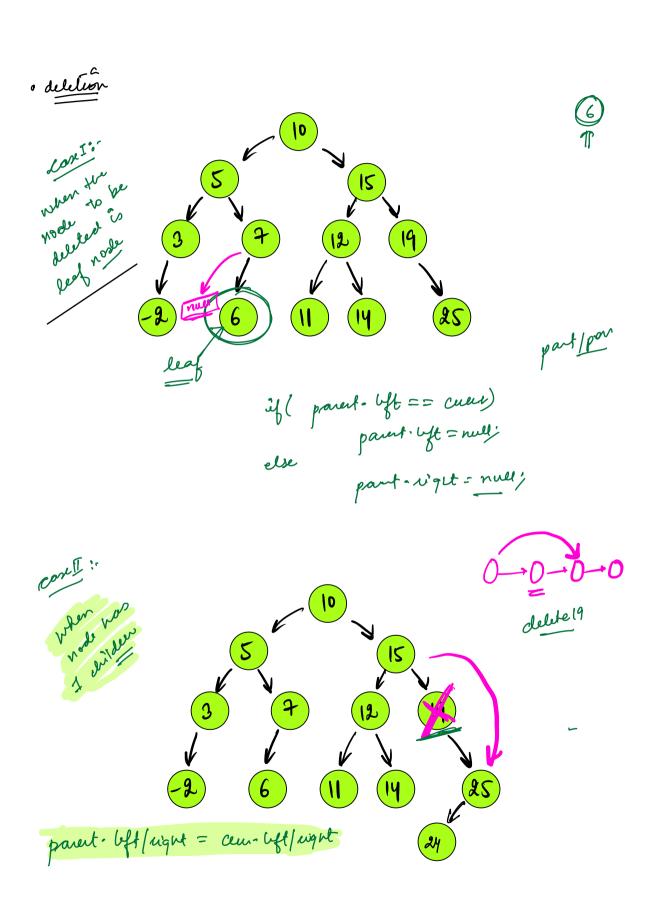
prev-lift = new Node (k);

else prev-light = new Node (k);
```

check if it given tree is BST ! morder traversal -> sorted [-0,0] Azs 60657 (root, e, 1) if (noot = rull) when the; I(l <= noot · deta st noot · deta = 2) Good & = isBST (nost · left , l, wof-deta-1); bool y = SBST (not. ught, not. deta+1, 1).

retru x 14 y; selv false;





Node drild;

of (con-left = null)

child = cun-left;

else

ohild = cun-logue;

if (pant-light = ceun)

pant-light = child;

else

pant-left = child;

