

BST Vs. B.T.

87

# value based problem

# Structume based problem is some In Both tree

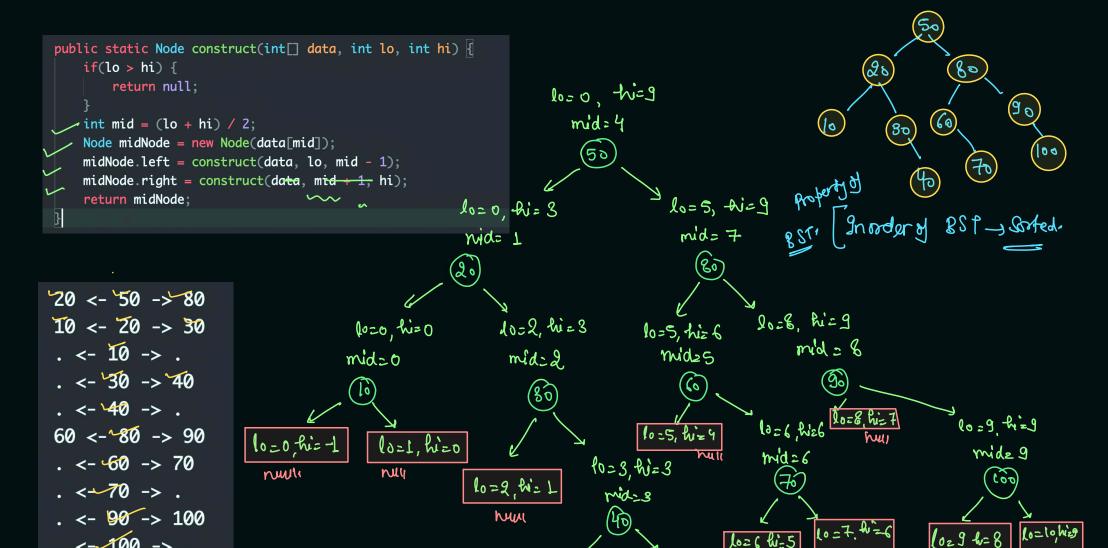
10=8, hi=9 &x - ht= Smelve book

िहर = १३४

B-7(max) # 1857(max)

int 
$$\Box$$
 data = {10, 20, 30, 40, 50, 60, 70, 80, 90, 100};

. <--100 -> .



lo = 3, hi=

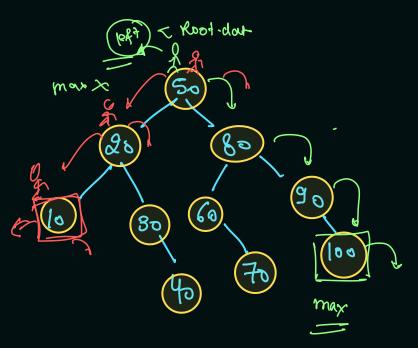
Nu11

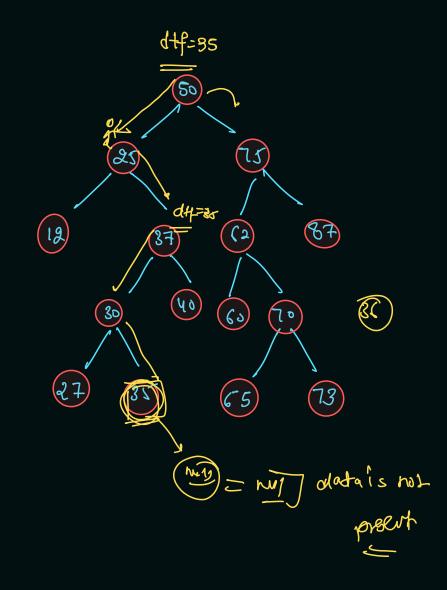
lo=4, li=8

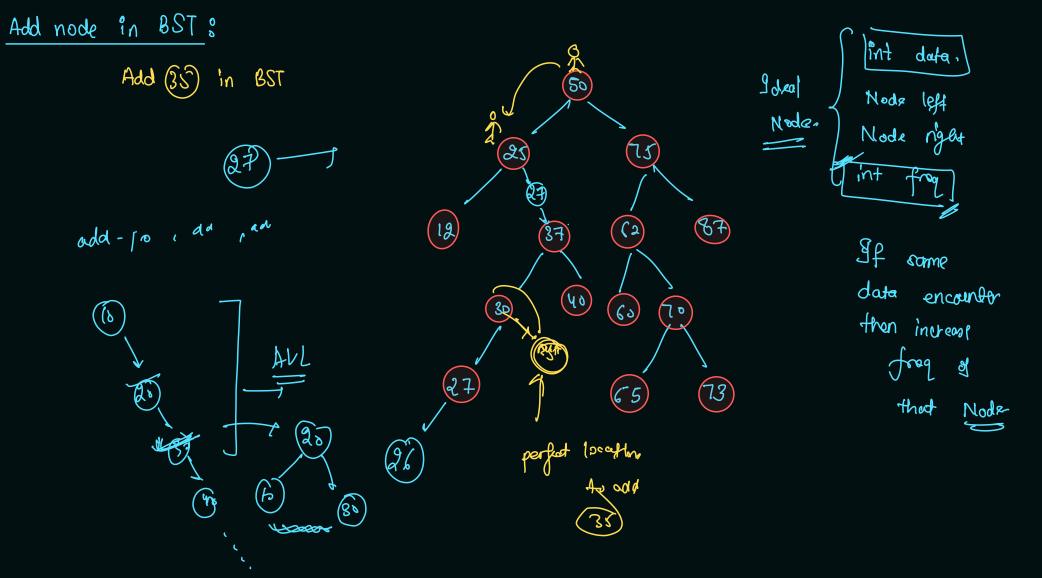
null

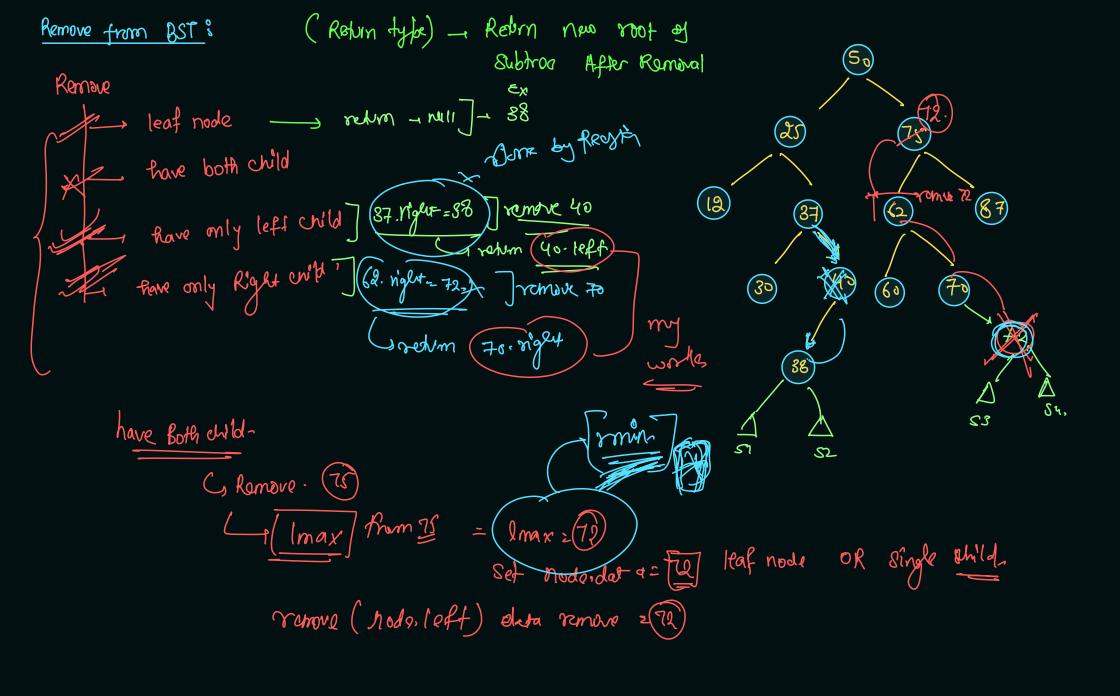


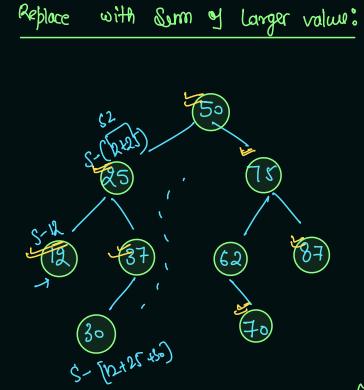








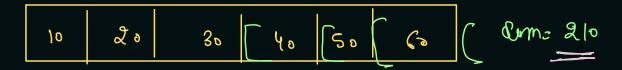




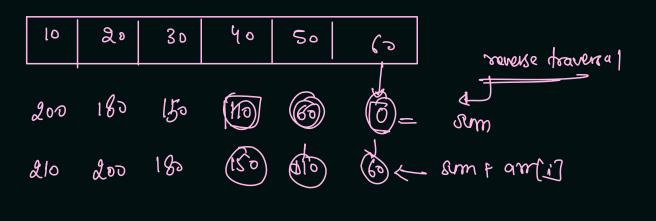
Sof dath Add

- (1) grum of usago,
- @ move in Inorder maintain dem a & dubtract deml from our and set the valu.

Inorder of BST = 86xted (Increasing order)
Rev. I norder of BST = 86xted (Decreasing order).



Simp= 10 - 30 - 60 - 100 - 150 - 210 - p 2- geradores
Sim-Simz=200 - 180 - (150) - (110) - 60 - 20 Required

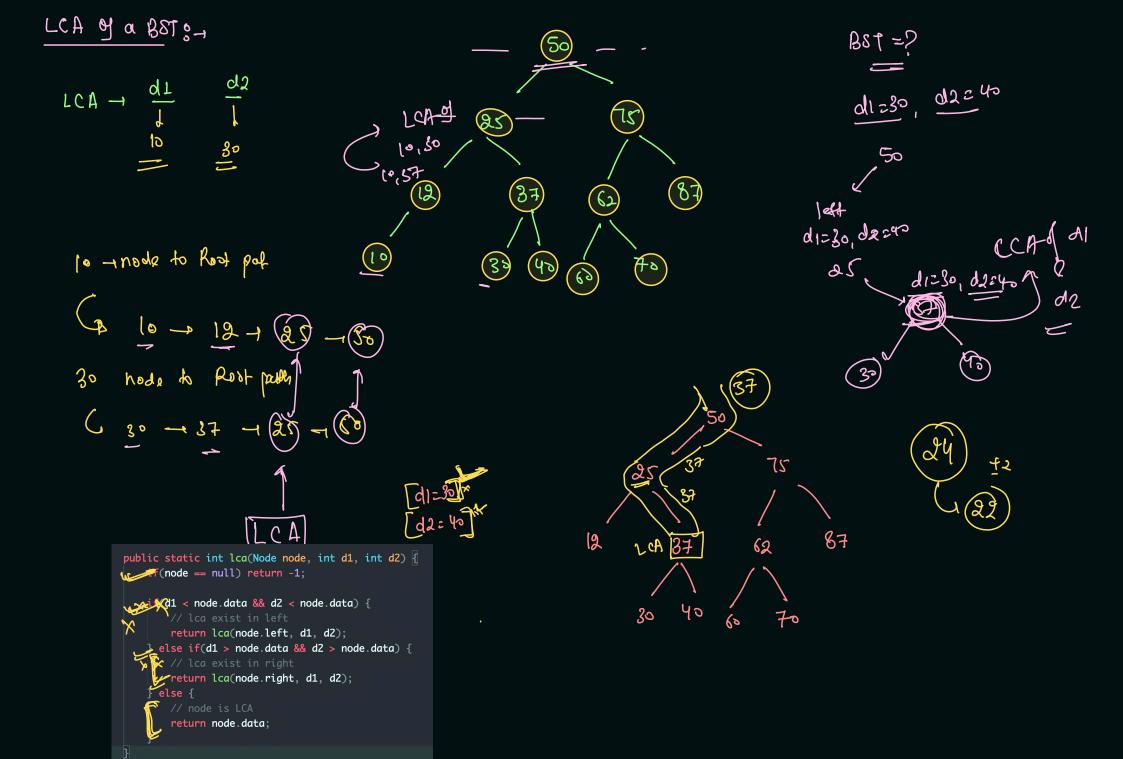


Thereise Grorder

Avaversal

right call

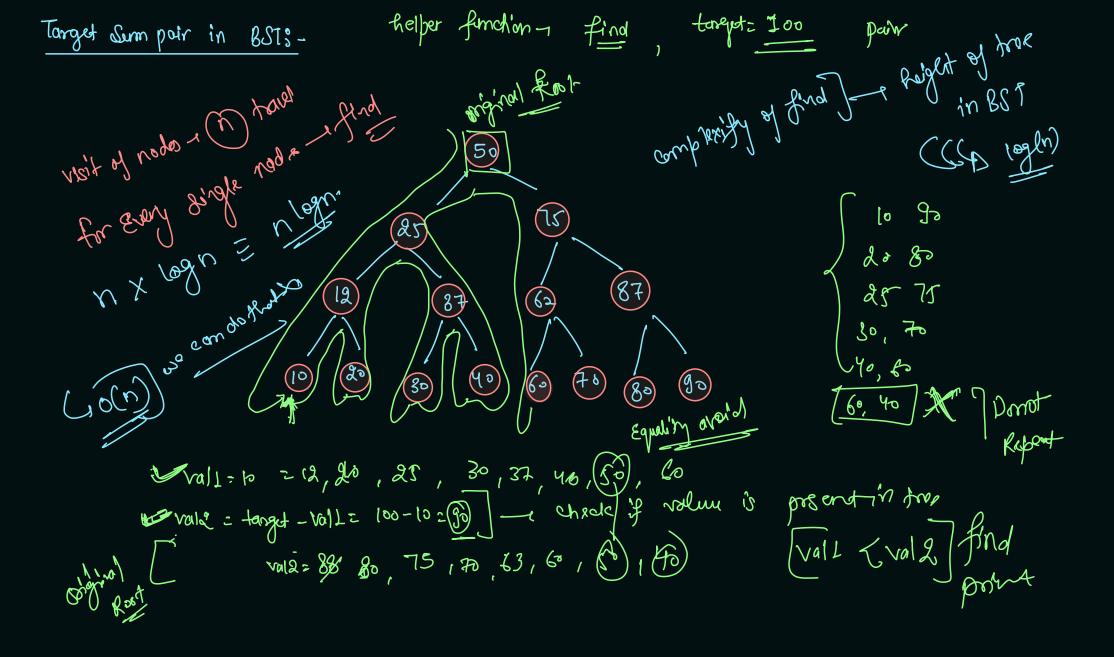
traff call



```
lo= 11, hi= 38 =
```

- (1) loz 61, Liz85 (3) loz 15, Liz85

```
d1=88, d3=11
684
                       (73)
                                 87
                      (c)
                          (73)
                                       (90)
                     (g)
  public static void pir(Node node, int d1, int d2) {
      if(node == null) return;
      if(d1 < node.data && d2 < node.data) {</pre>
          // print segment is appears in left
          pir(node.left, d1, d2);
      } else if(d1 > node.data && d2 > node.data) {
          // print segment is appears in right side
          pir(node.right, d1, d2);
      } else {
          pir(node.left, d1, d2);
          System.out.println(node.data);
          pir(node.right, d1, d2);
```



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Method 2	they son boy.  Elli, wagan, size righ	time ophimises	o potimise d	
Method3	Kong stanged  Sugar S	ophimèse time	log n Spoice Liftede de e	
		Self tony	- Cock	m 1) 8 - Tr