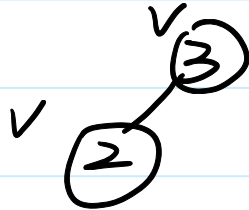


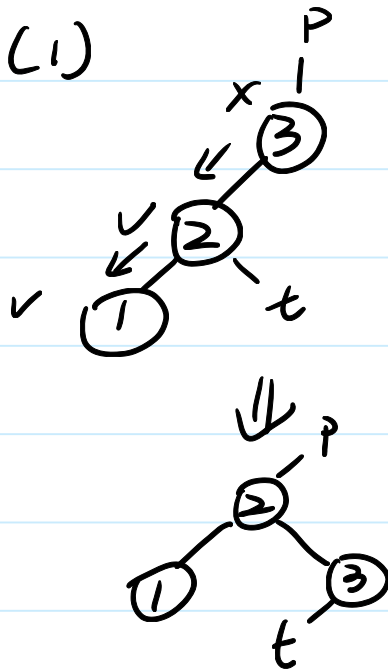
insert (3)



insert (2)



insert (1)



$d_1 = \text{left}$

$d_2 = \text{left}$

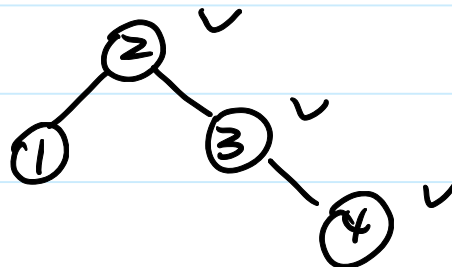
$n_1 = 2$

$n_2 = 1$

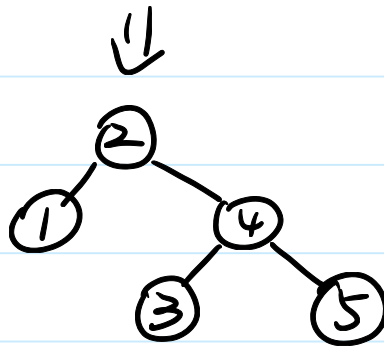
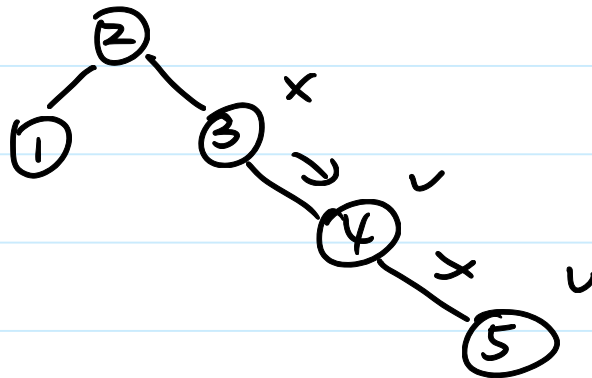
$p = \text{null}$

$t = \text{null}$

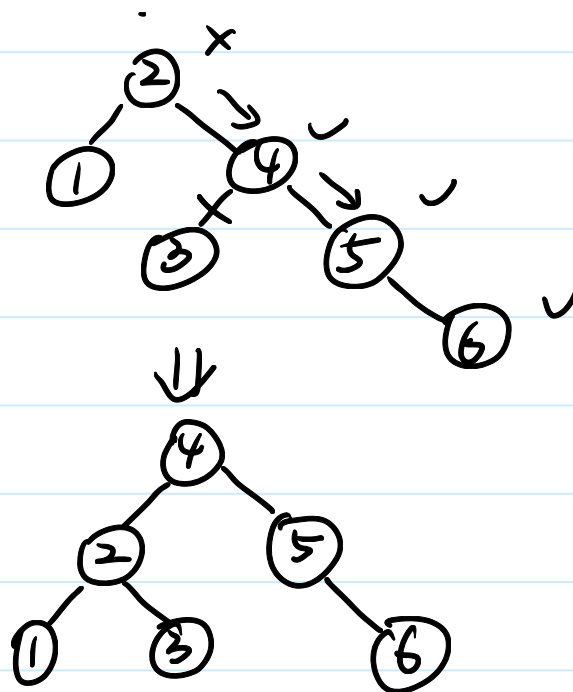
insert (4)



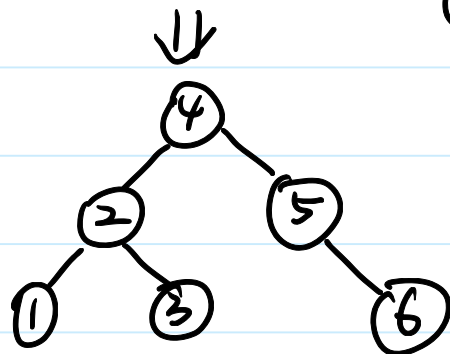
insert (5)



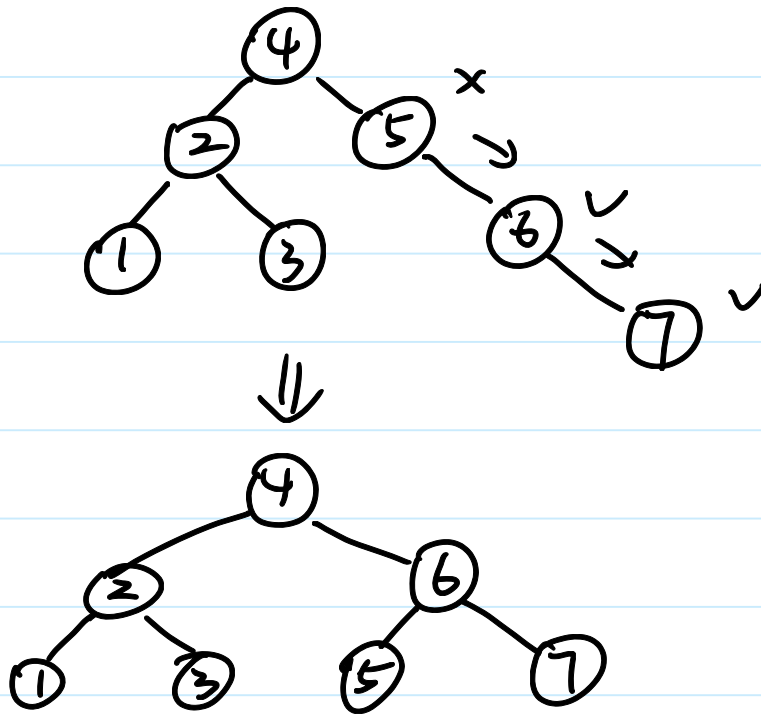
insert (6)



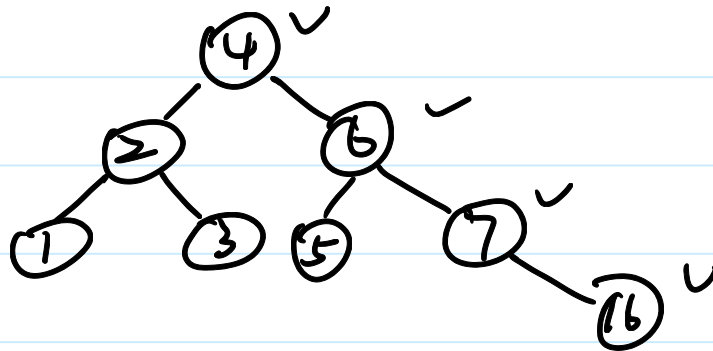
$d_1 = d_2 = \text{right}$   
 $n_1 = 4$   
 $n_2 = 5$   
 $t = 3$   
 $p = \text{null}$



insert(7)

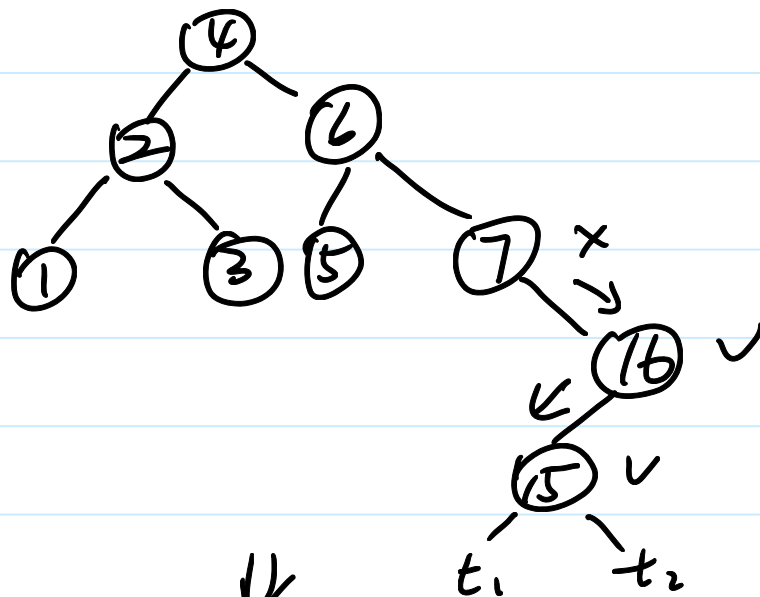


insert(16)

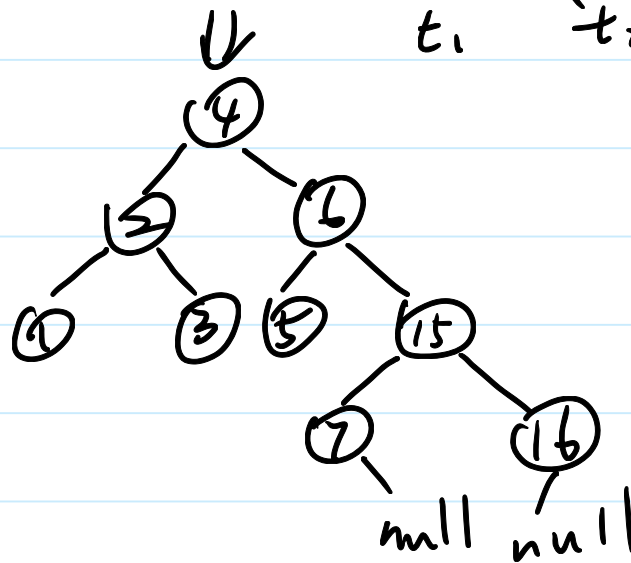


insert(4) nothing happens

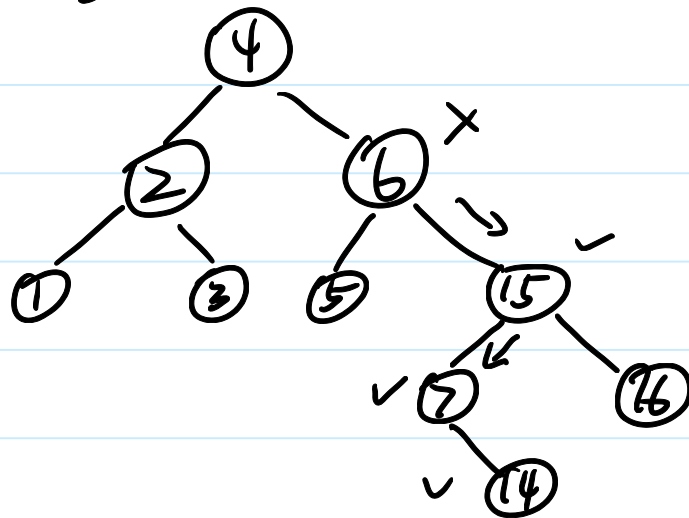
insert (15)



$d1 = \text{right}$   
 $d2 = \text{left}$   
 $n1 = 16$   
 $n2 = 15$   
 $t1 = \text{null}$   
 $t2 = \text{null}$   
 $p = 6$



insert (14)



$d_1 = r$

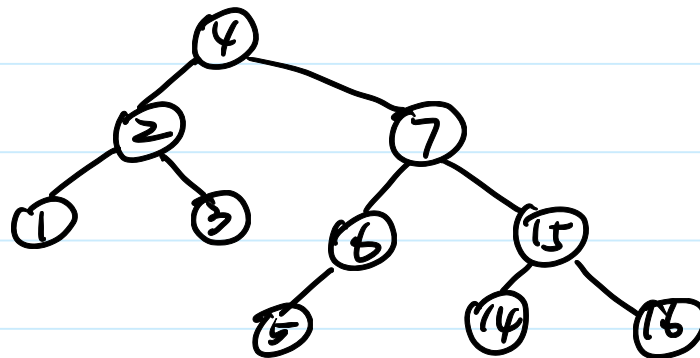
$d_2 = l$

$n_1 = 15$

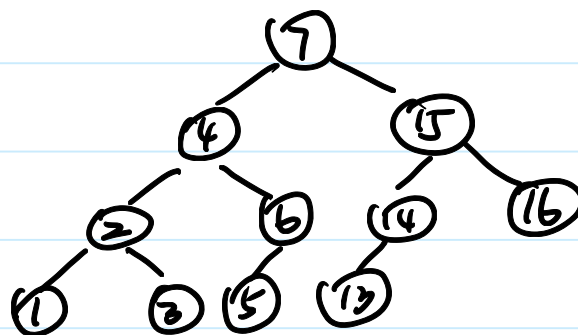
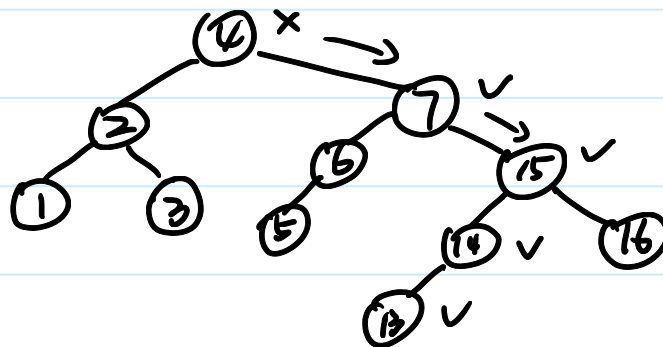
$n_2 = 7$

$f_1 = null$

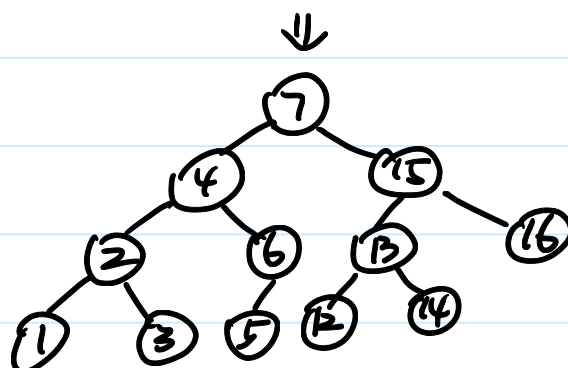
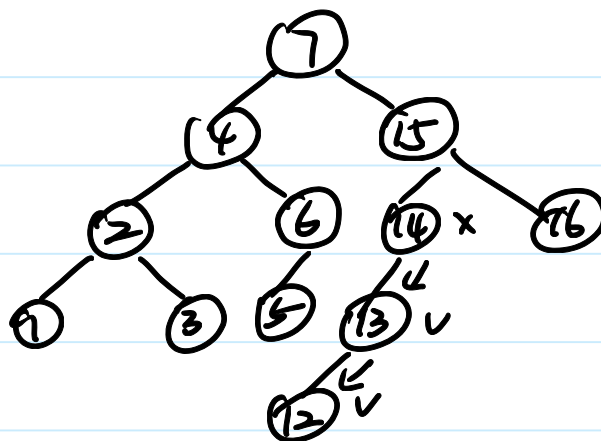
$t_2 = 14$



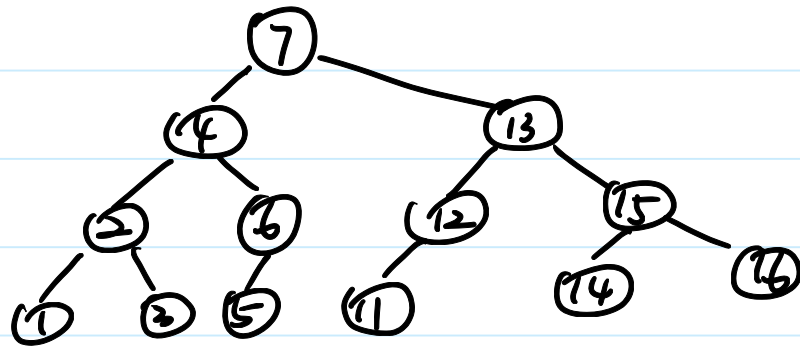
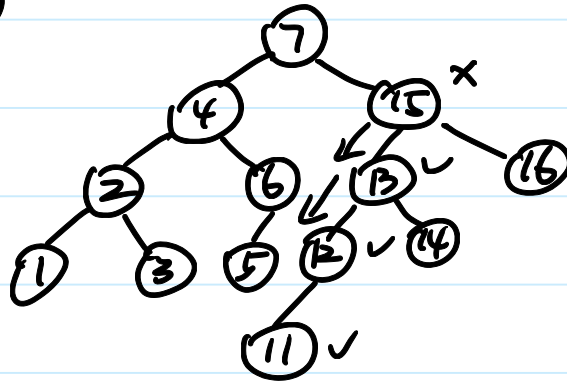
insert(13)



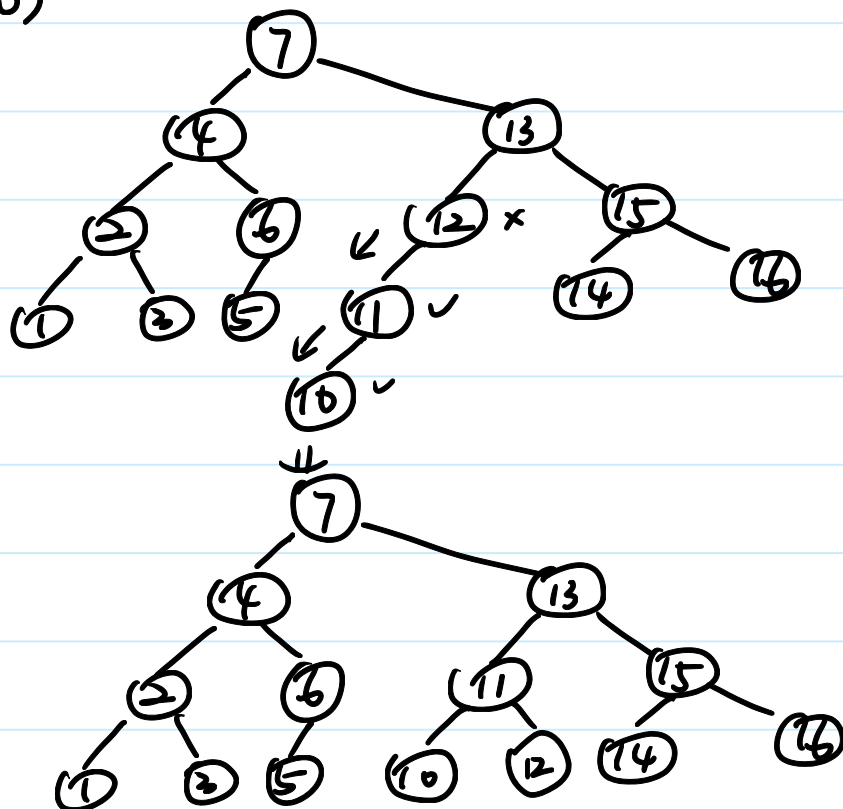
insert(12)



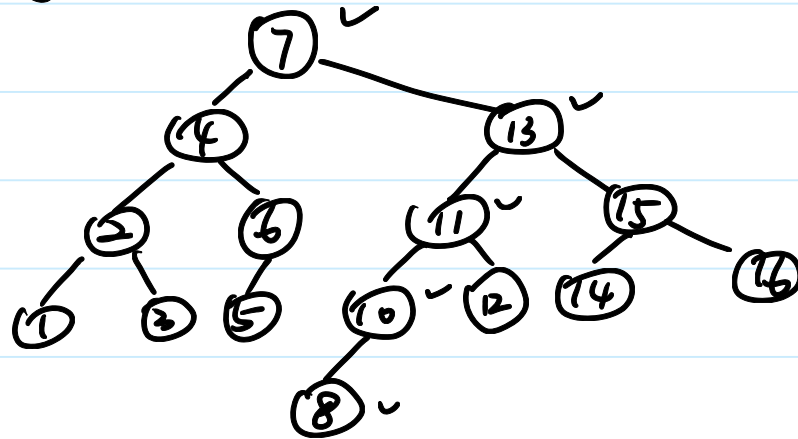
insert(11)



insert(10)



insert (8)



insert (9)

