CSE/EE 373 Autumn 1994
Data Structures and Algorithms
Assignment # 5 Common Mistake Solutions

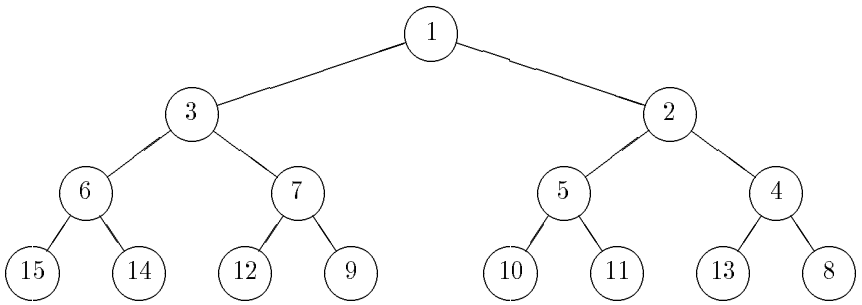
1. Problem 5.1 in the text.

   Answer:

stack	(a)	(b)	(c)	(d)
0		9679	9679	
1	4371	4371	4371	4371
2		1989		
3	1323,6173	1323	1323	1323
4	4344	6173	6173	6173
5		4344	4344	9679
6				
7				4344
8			1989	
9	4199,9679,1989	4199	4199	4199
				1989 couldn't be inserted

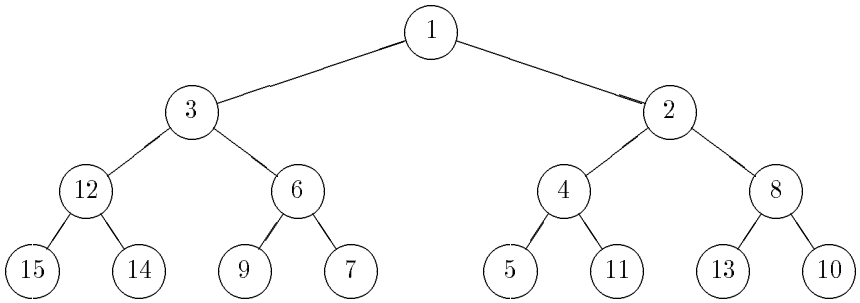
2. Problem 6.2(a) in the text.

   Answer:



3. Problem 6.2(b) in the text.

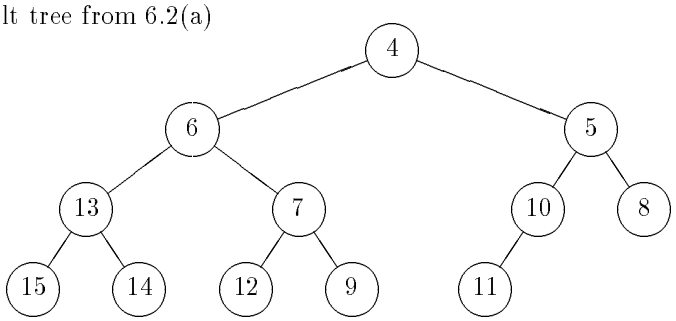
   Answer:



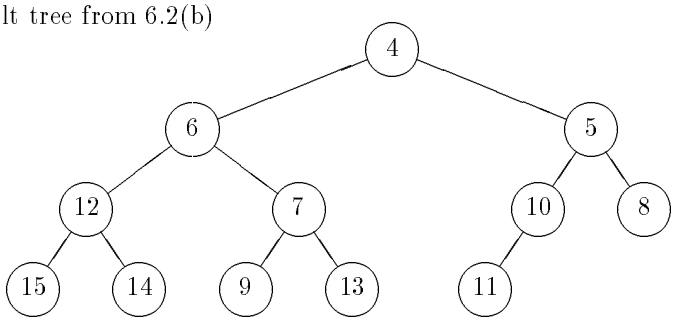
4. Problem 6.3 in the text.

   Answer:

   Using the result tree from 6.2(a)



5. Problem 6.3 in the text.

   Answer:

   Using the result tree from 6.2(b)