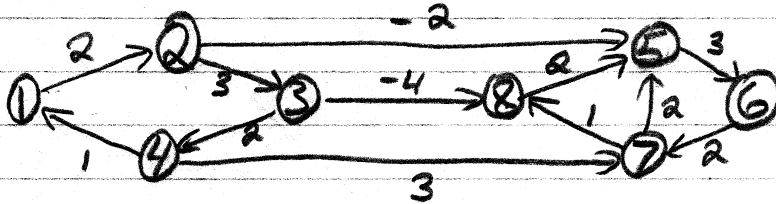


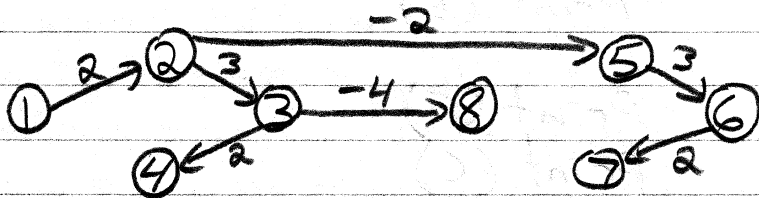
Analysis, Design of Algorithms Assignment 3



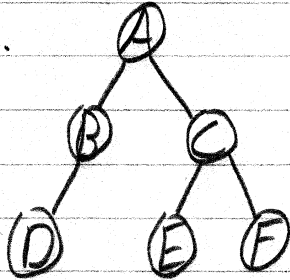
dist^k [1..8]

k	1	2	3	4	5	6	7	8
1	0	2	-	-	-	-	-	-
2	0	2	5	-	0	-	-	-
3	0	2	5	7	0	3	-	1
4	0	2	5	7	0	3	5	1
5	0	2	5	7	0	3	5	1
6	0	2	5	7	0	3	5	1
7	0	2	5	7	0	3	5	1

- = ∞



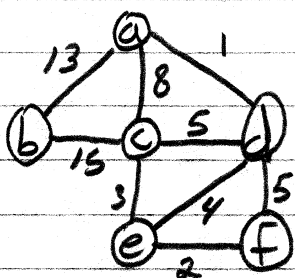
2.



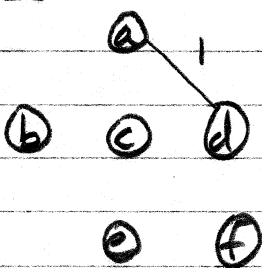
Call of Post Order	Value in root	action
Main	A	
1	B	
2	D	
3	—	Print (D)
3	—	Print (B)
1	C	
2	E	
3	—	Print (E)
2	F	
3	—	Print (F)
3	—	Print (C)
main	—	print A

Post Order : DBEFCA

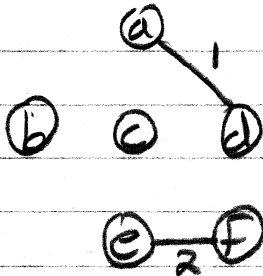
3



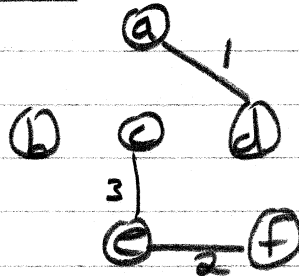
#1



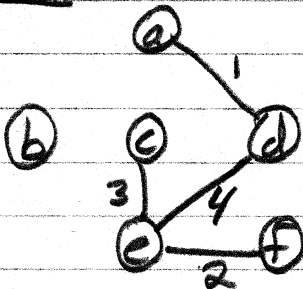
#2



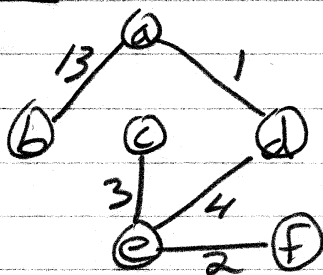
#3



#4



#5



Minimum Cost = 23