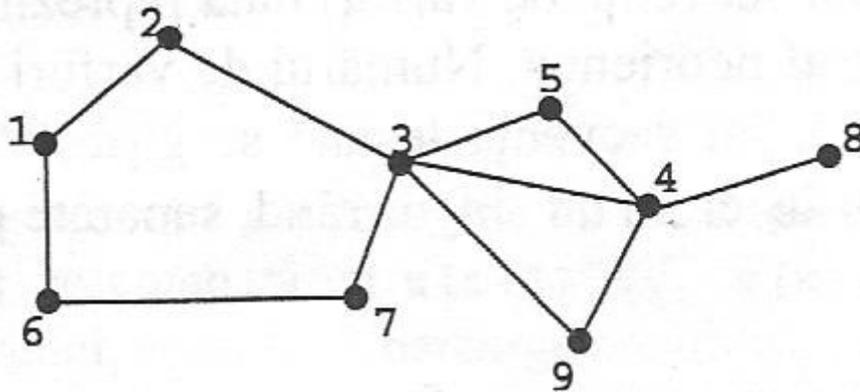


Exercitii de parcurgere in adancime si in latime a grafurilor neorientate

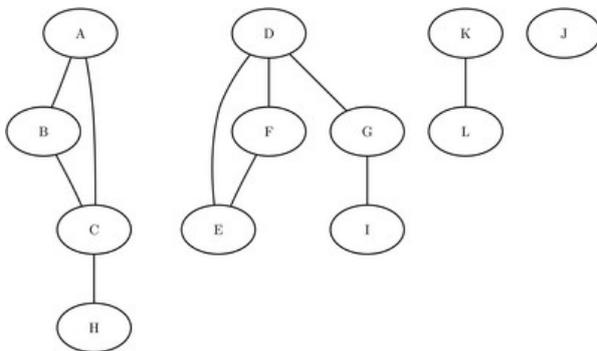
Sa se parcurga in latime si in adancime grafurile de mai jos din nodurile. Completati cum se parcurg grafurile in adancime si in latime acolo unde nu este completat

1.



Nod plecare	Parcurgere in adancime	Parcurgere in latime
1	1 2 3 5 4 8 9 7 6	1 2 6 3 7 4 5 9 8
3		3 2 4 5 7 9 1 8 6
4	4 5 3 2 1 6 7 9 8	
8		8 4 3 5 9 2 7 1 6

2.



Observam ca avem 4 componente conexe, prin urmare, nu se vor putea parcurge toate nodurile indiferent de nodul de start.

C1=[A, B, C, H]
C2=[D, E, F, G, I]
C3=[K, L]
C4=[J]

Nod plecare	Parcurgere in adancime	Parcurgere in latime
A	A B C H	A B C H
F	F D E G I	F D E G I
H		
I		