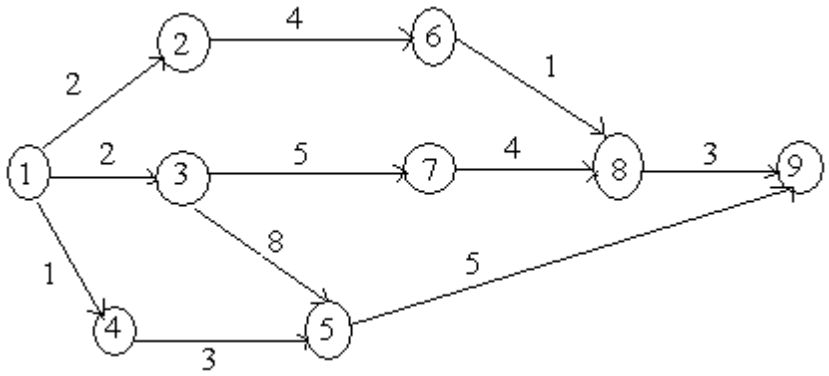
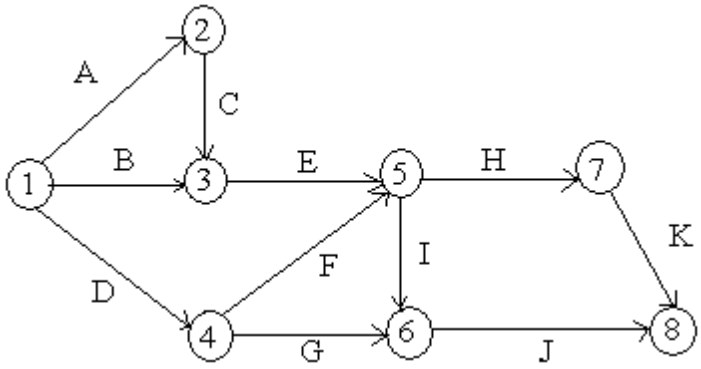
Assignment

1. What do you understand by PERT–CPM? Discuss concepts of network.
2. Discuss project planning & control with PERT & CPM.
3. Write short notes on:
    a) Integer programming concepts
    b) Dynamic programming concepts
    c) Game Theory
    d) Queuing Theory & Applications
    e) Linear Goal Programming methods and applications
    f) Simulation.
4. Find the critical path and calculate the slack time for the following network.



5. Solve



Task:	A	B	C	D	E	F	G	H	I	J	K
Least time:	4	5	8	2	4	6	8	5	3	5	6
Greatest time:	8	10	12	7	10	15	16	9	7	11	13
Most likely time:	5	7	11	3	7	9	12	6	5	8	9

Find the earliest and latest expected time to each event and also critical path in the network.