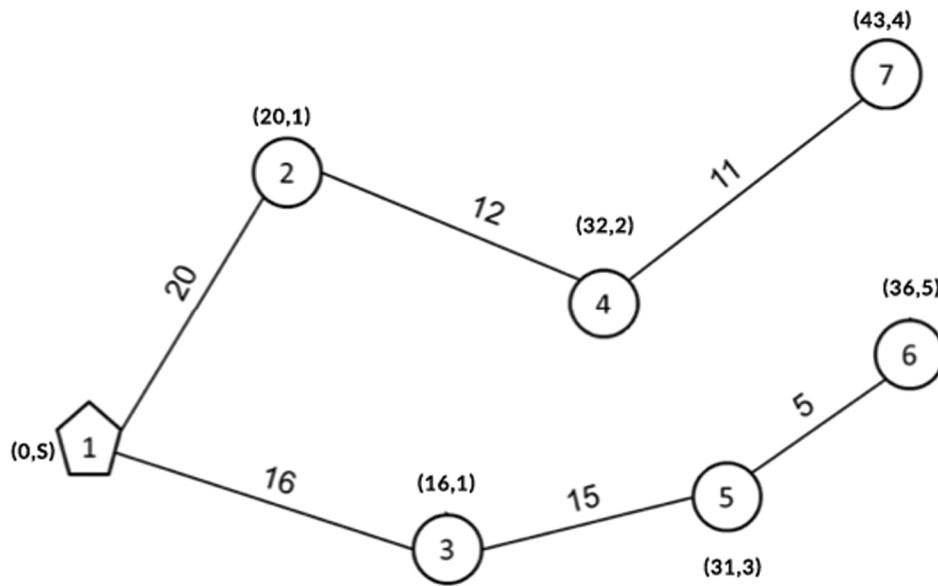
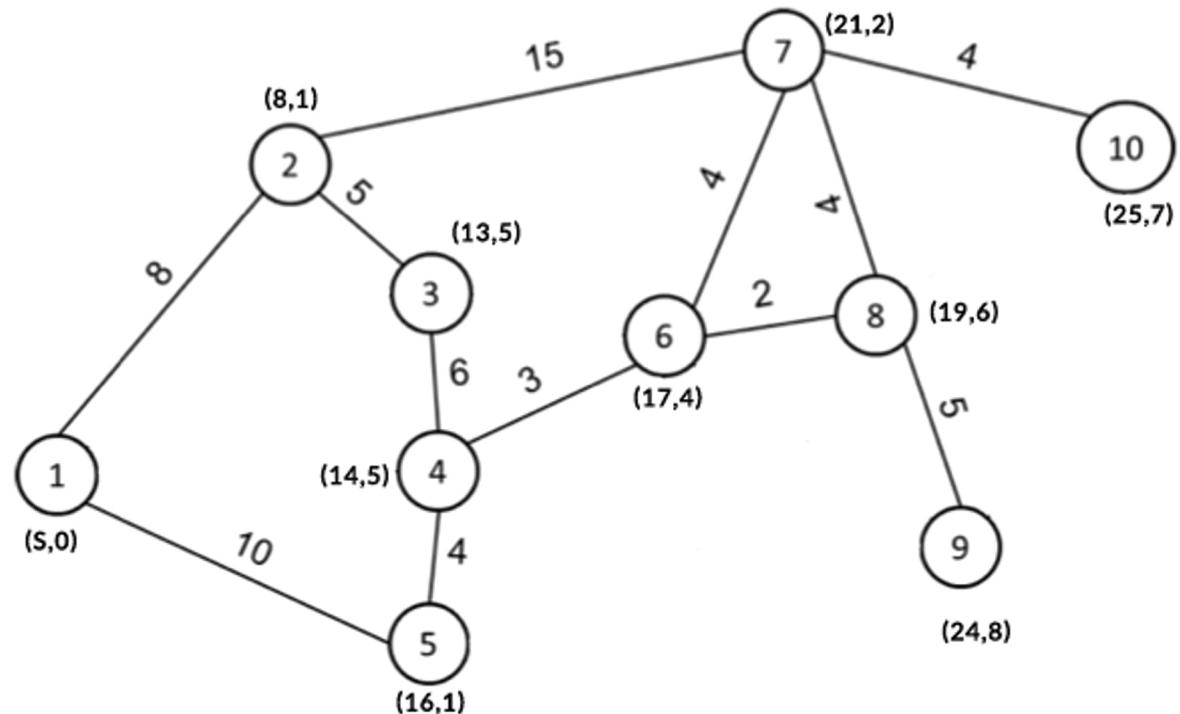


QUESTION 3



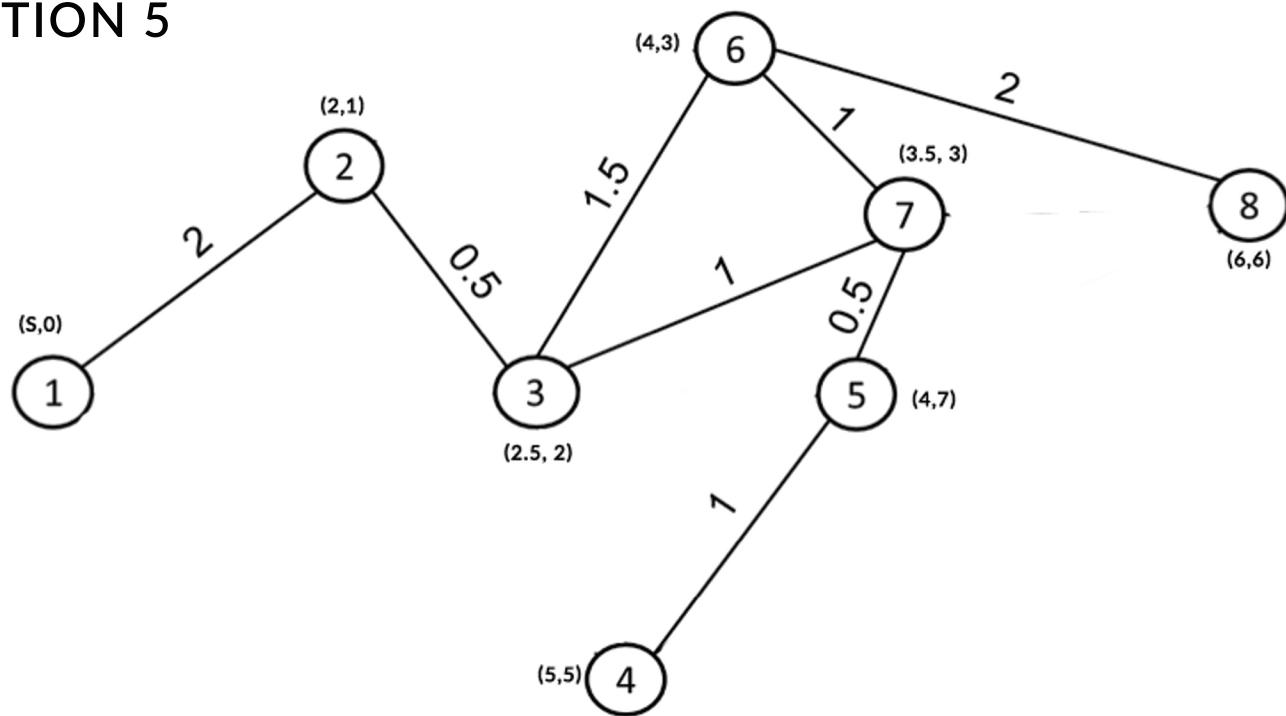
NODE	TRAVEL TIME IN MIN	MOST EFFICIENT ROUTE FROM NODE 1
2	20	1-2
3	16	1-3
4	32	1-2-4
5	31	1-3-5
6	36	1-3-5-6
7	43	1-2-4-7

QUESTION 4



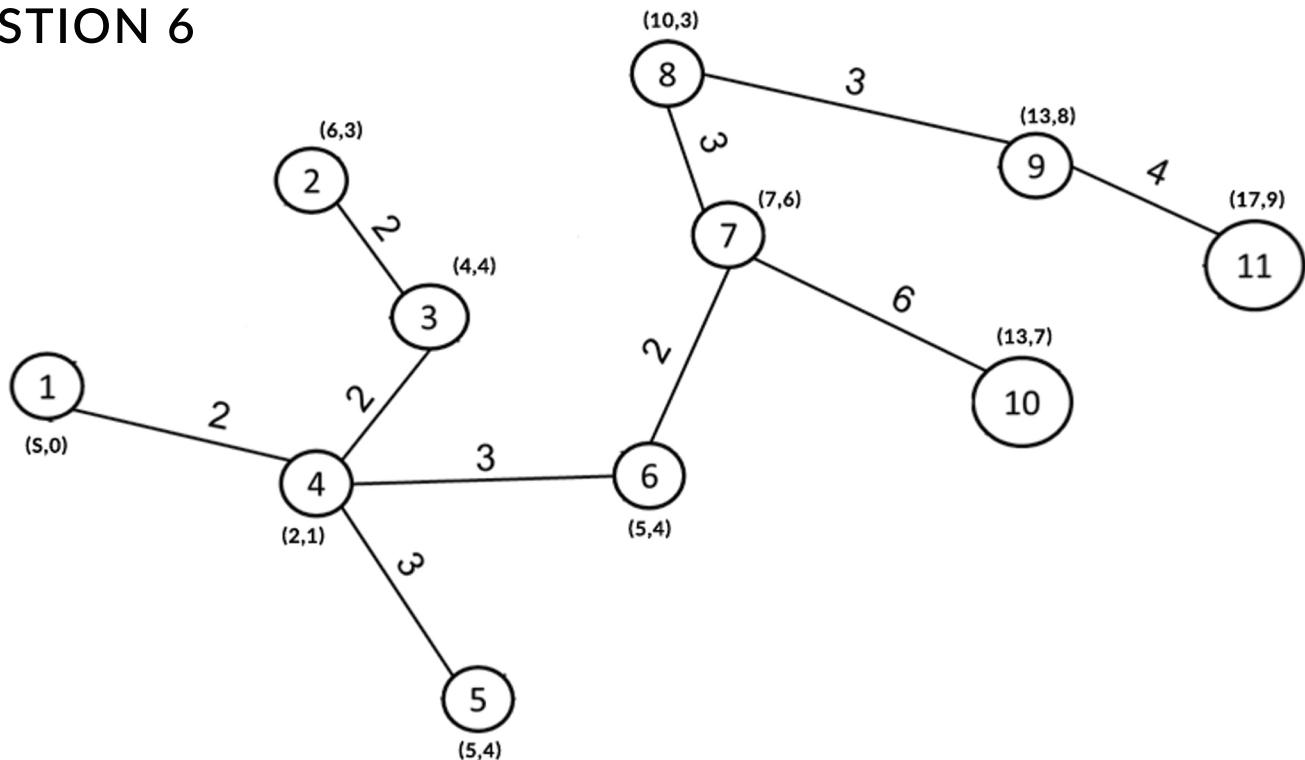
NODE	TRAVEL TIME IN MIN	SHORTEST ROUTE FROM NODE 1
2	8	1-2
3	13	1-2-3
4	14	1-5-4
5	16	1-5
6	17	1-5-4-6
7	21	1-2-7
8	19	1-5-4-6-8
9	24	1-5-4-6-8-9
10	25	1-2-7-10

QUESTION 5



NODE	DISTANCE IN KM	MOST EFFICIENT ROUTE FROM NODE 1
2	2	1-2
3	2.5	1-2-3
4	5	1-2-3-7-5-4
5	4	1-2-3-4-5
6	4	1-2-4-6
7	3.5	1-2-3-7
8	6	1-2-3-6-8

QUESTION 6



NODE	DISTANCE IN MILES	MOST EFFICIENT ROUTE FROM NODE 1
2	6	1-4-3-2
3	4	1-4-3
4	2	1-4
5	5	1-4-5
6	5	1-4-6
7	7	1-4-6-7
8	10	1-4-6-7-8
9	13	1-4-6-7-8-9
10	13	1-4-6-7-10
11	17	1-4-6-7-8-9-11