

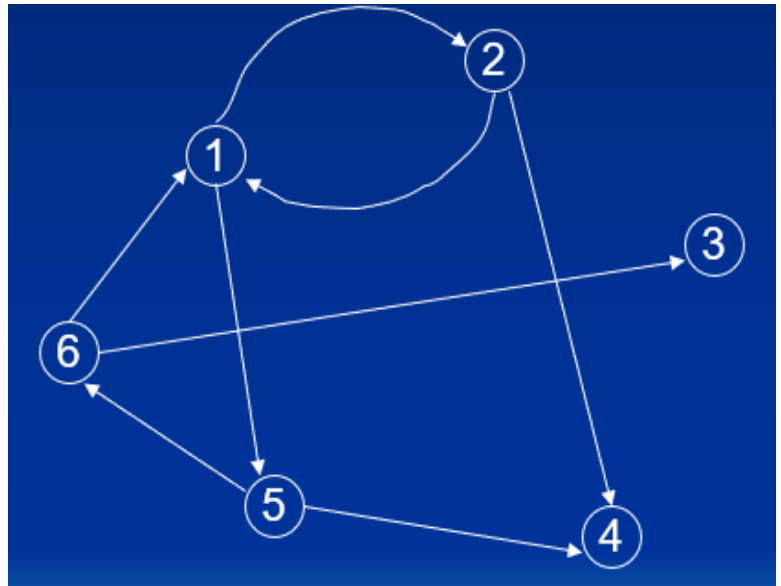
GRAPH G_9

$$G_9 = (V_9, E_9)$$

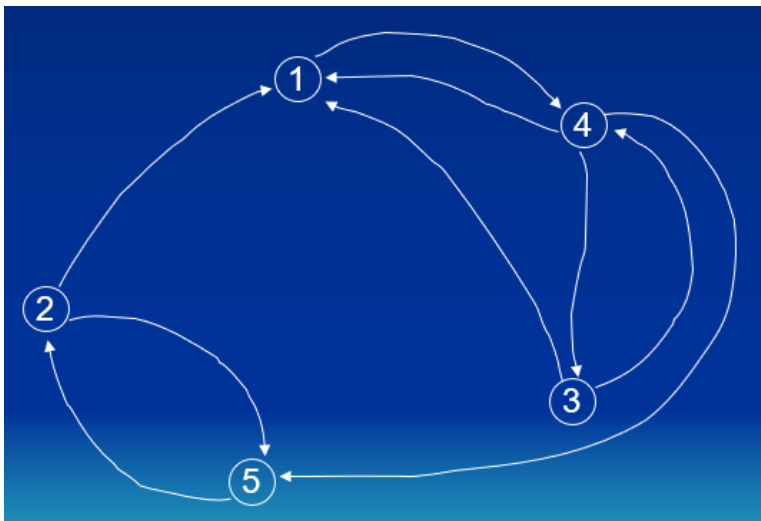
$$V_9 = \{1, 2, 3, 4, 5, 6\}$$

$$E_9 = \{(1, 2), (1, 5), (2, 1), (2, 4), (5, 4), (5, 6), (6, 1), (6, 3)\}$$

VERTEX	INDEGREE	OUTDEGREE
1	2	2
2	1	2
3	1	0
4	2	0
5	1	2
6	1	2



GRAPH G_{10}

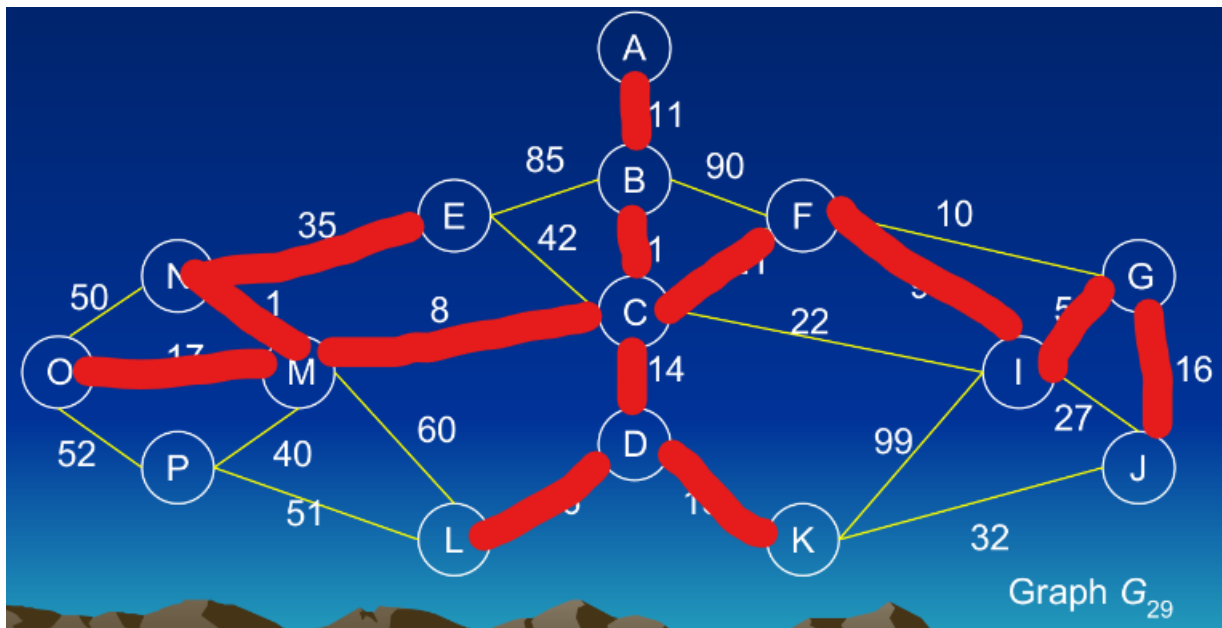


$$G_{10} = (V_{10}, E_{10})$$

$$V_{10} = \{1, 2, 3, 4, 5\}$$

$$E_{10} = \{(1, 4), (2, 1), (2, 5), (3, 1), (3, 4), (4, 1), (4, 3), (4, 5), (5, 2), (5, 4)\}$$

VERTEX	INDEGREE	OUTDEGREE
1	3	1
2	1	2
3	1	2
4	2	3
5	2	1



KRUSHKAL'S

Edge (B, C)	$w(B, C) = 1$
Edge (M, N)	$w(M, N) = 1$
Edge (G, I)	$w(G, I) = 5$
Edge (D, L)	$w(D, L) = 6$
Edge (C, M)	$w(C, M) = 8$
Edge (F, I)	$w(F, I) = 9$
Edge (A, B)	$w(A, B) = 11$
Edge (D, K)	$w(D, K) = 13$
Edge (C, D)	$w(C, D) = 14$
Edge (G, J)	$w(G, J) = 16$
Edge (M, O)	$w(M, O) = 17$
Edge (C, F)	$w(C, F) = 21$
Edge (E, N)	$w(E, N) = 35$
Edge (M, P)	$w(M, P) = 40$

Total: 197

PRIM'S

Edge (A, B)	$w(A, B) = 11$
Edge (B, C)	$w(B, C) = 1$
Edge (C, M)	$w(C, M) = 8$
Edge (M, N)	$w(M, N) = 1$
Edge (C, D)	$w(C, D) = 14$
Edge (D, L)	$w(D, L) = 6$
Edge (D, K)	$w(D, K) = 13$
Edge (M, O)	$w(M, O) = 17$
Edge (C, F)	$w(C, F) = 21$
Edge (F, I)	$w(F, I) = 9$
Edge (G, I)	$w(G, I) = 5$
Edge (G, J)	$w(G, J) = 16$
Edge (E, N)	$w(E, N) = 35$
Edge (M, P)	$w(M, P) = 40$

Total: 197