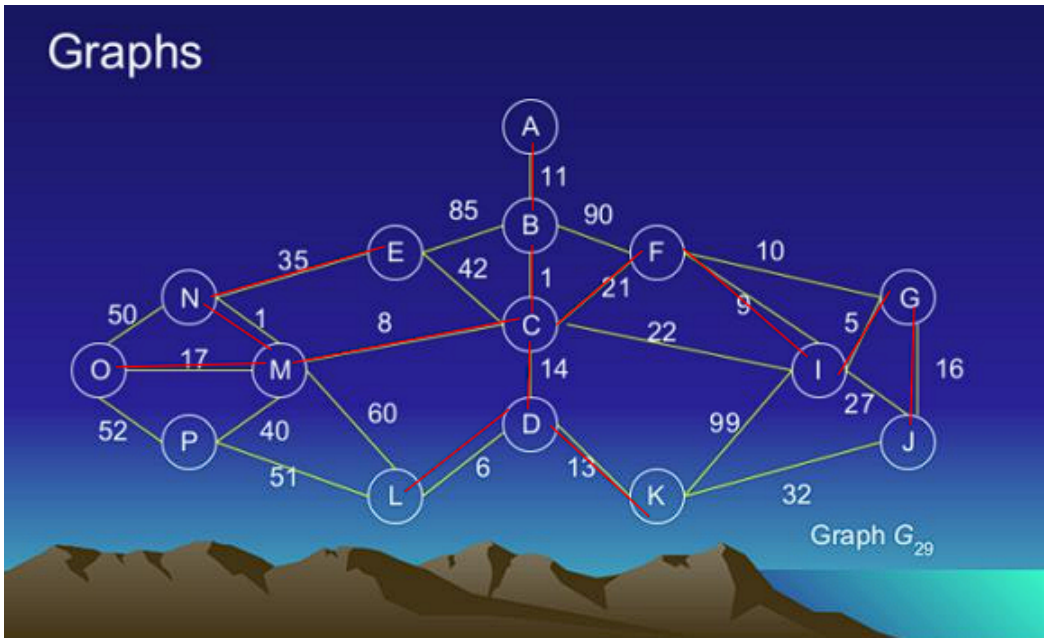
ANGELES, MIRO G.
BSCPE 2-1
202101487



Kruskal's

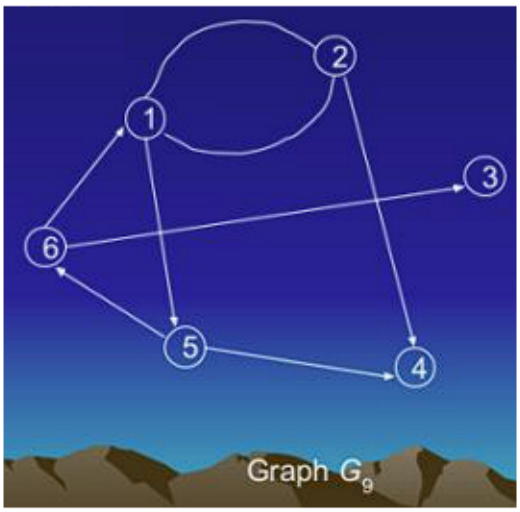
Edge (B, C)	w(B, C) = 1
Edge (M, N)	w(M, N) = 1
Edge (G, I)	w(G, I) = 5
Edge (D, L)	w(D, L) = 6
Edge (C, M)	w(C, M) = 8
Edge (F , I)	w(F, I) = 9
Edge (A, B)	w(A, B) = 11
Edge (D, K)	w(D, K) = 13
Edge (C, D)	w(C, D) = 14
Edge (G, J)	w(G, J) = 16
Edge (M, O)	w(M, O) = 17
Edge (C, F)	w(C, F) = 21
Edge (E,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

ANGELES, MIRO G.
BSCPE 2-1
202101487

GRAPH 9



V	Indegree	Outdegree
1	2	2
2	1	2
3	1	0
4	2	0
5	1	2
6	1	2

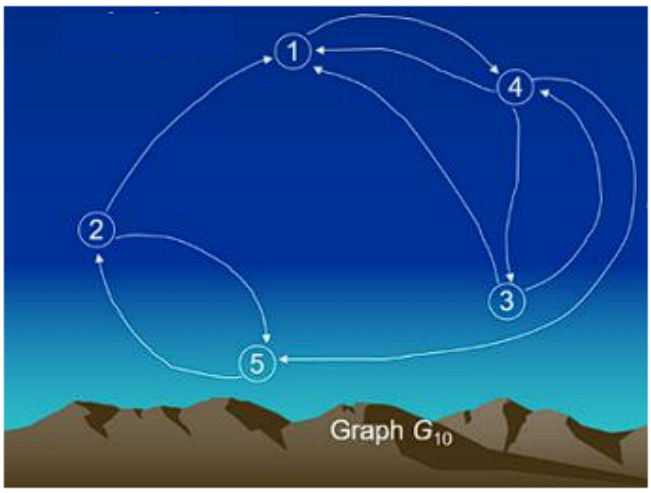
Formal Description:

$G_9 = (V_9, E_9)$

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

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

GRAPH 10



V	Indegree	Outdegree
1	3	1
2	1	1
3	1	2
4	2	3
5	2	1

Formal Description:

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

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

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