

1. Unidirectional Graph

G28 = (VG28, EG28)

VG28 = (E, F, H, I, J, K, M, P)

EG28 = [(E, I), (E, J), (E, K), (E, M), (F, I), (F, J), (F, K), (F, P), (H, I), (H, J), (H, K)]

2.

a. Adjacency List

E	→	I	33	→	K	41	→	J	58	→	M	69	/
F	→	J	32	→	I	43	→	K	51	→	P	70	/
H	→	I	16	→	J	22	→	K	100	/			
I	→	H	16	→	E	33	→	F	43	/			
J	→	H	22	→	F	32	→	E	58	/			
K	→	E	41	→	F	51	→	H	100	/			
M	→	E	69	/									
P	→	F	70	/									

b. Adjacency Matrix

	E	F	H	I	J	K	M	P
E	0	0	0	33	58	41	69	0
F	0	0	0	43	32	51	0	70
H	0	0	0	16	22	100	0	0
I	33	43	16	0	0	0	0	0
J	58	32	22	0	0	0	0	0
K	41	51	100	0	0	0	0	0
M	69	0	0	0	0	0	0	0
P	0	70	0	0	0	0	0	0

