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1. $V_{g28} = (M, E, I, H, K, J, F, P)$
 $E_{g28} = (M,E) (E,I) (E,J) (I,H) (I,F) (H,J) (H,K) (J,E) (J,K) (F,P) (F,K) (F,I) (P,F)$

2. **Adjacency List**

$M \rightarrow E$
 $E \rightarrow I \rightarrow K \rightarrow J \rightarrow M$
 $I \rightarrow H \rightarrow E \rightarrow F$
 $H \rightarrow I \rightarrow J \rightarrow K$
 $K \rightarrow E \rightarrow F \rightarrow H$
 $J \rightarrow H \rightarrow F \rightarrow E$
 $F \rightarrow J \rightarrow I \rightarrow K \rightarrow P$
 $P \rightarrow F$

Adjacency Matrix

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