

Q1 a)

	A	B	C	D	E	F	G	H	I
A	0	1	0	1	0	0	1	1	0
B	1	0	1	1	0	0	0	0	0
C	0	1	0	1	0	0	0	0	0
D	1	1	1	0	1	0	0	0	0
E	0	0	0	1	0	1	0	0	0
F	0	0	0	0	1	0	1	0	0
G	1	0	0	0	0	1	0	1	0
H	1	0	0	0	0	0	1	0	1
I	0	0	0	0	0	0	0	1	0

Q1 b)

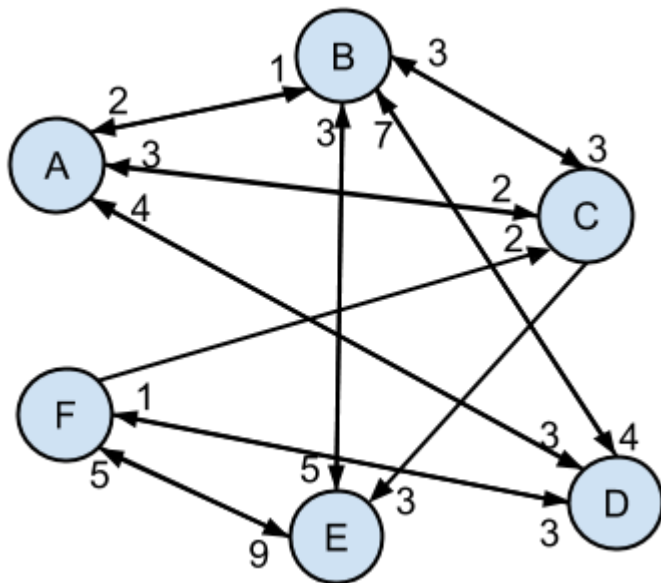
A		→	D → H → NULL
B		→	A → D → NULL
C		→	B → NULL
D		→	C → E → NULL
E		→	F → NULL
F		→	G → NULL
G		→	A → F → NULL
H		→	G → I → NULL
I		→	NULL

Q1 c)

	A	B	C	D	E	F	G	H	I
A	0	0	0	6	0	0	0	9	0
B	2	0	0	2	0	0	0	0	0
C	0	4	0	0	0	0	0	0	0
D	0	0	5	0	7	0	0	0	0
E	0	0	0	0	0	4	0	0	0
F	0	0	0	0	0	0	5	0	0
G	2	0	0	0	0	3	0	0	0
H	0	0	0	0	0	0	1	0	2
I	0	0	0	0	0	0	0	0	0

A		→ (D, 6) → (H, 9) → NULL
B		→ (A, 2) → (D, 2) → NULL
C		→ (B, 4) → NULL
D		→ (C, 5) → (E, 7) → NULL
E		→ (F, 4) → NULL
F		→ (G, 5) → NULL
G		→ (A, 2) → (F, 3) → NULL
H		→ (G, 1) → (I, 2) → NULL
I		→ NULL

Q2 a)



Q2 b)

