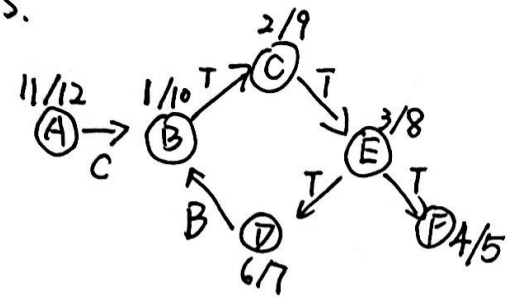
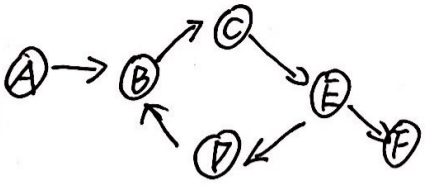
Q2: DFS.

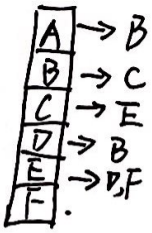


	A	B	C	D	E	F
d	11	1	2	6	3	4
f	12	10	9	7	8	5.

Edge: T means Tree edges, B means black ~~Tree~~ edges. C means cross edges.

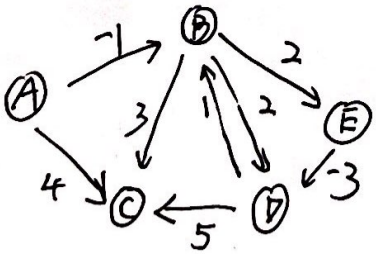
Q3:





d[B] = 0
d[C] = 1
d[E] = 2
d[F] = 3
d[D] = 3
d[A] = ∞

Q4:



		A	B	C	D	E.
i=1	d	0	∞	∞	∞	∞
i=2	d	0	-1	4	∞	∞
i=3	d	0	-1	3 ~~2~~	~~-1~~ ~~-2~~	1
				2	-2	

So. in the ~~third~~ third iteration, the table should be.

	A	B	C	D	E
d	0	-1	2	-2	1.

Scanned with CamScanner