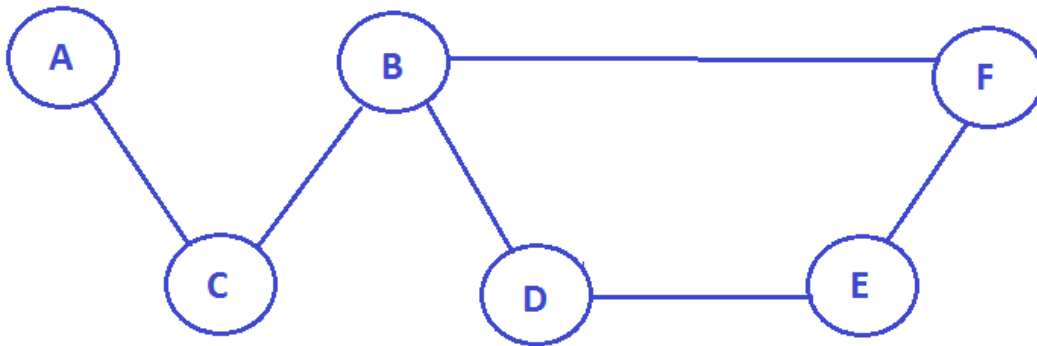


IT1080C Computer Networking

Forwarding Tables

Create a forwarding table by selecting the path with the fewest hops between each of the following nodes.



Node A To reach	Next Hop	# of Hops
A	-	0
B	(A,C)	2
C	(A,C)	1
D	(A,C)	3
E	(A,C)	4
F	(A,C)	3

Node D To reach	Next Hop	# of Hops
A	(D,B)	3
B	(D,B)	1
C	(D,B)	2
D	-	0
E	(D,E)	1
F	(D,E)	2

Node B To reach	Next Hop	# of Hops
A	(B,C)	2
B	-	0
C	(B,C)	1
D	(B,D)	1
E	(B,D)	2
F	(B,F)	1

Node E To reach	Next Hop	# of Hops
A	(E,D)	4
B	(E,D)	2
C	(E,D)	3
D	(E,D)	1
E	-	0
F	(E,F)	1

Node C To reach	Next Hop	# of Hops
A	(C,A)	1
B	(C,B)	1
C	-	0
D	(C,B)	2
E	(C,B)	3
F	(C,B)	2

Node F To reach	Next Hop	# of Hops
A	(F,B)	3
B	(F,B)	1
C	(F,B)	2
D	(F,E)	2
E	(F,E)	1
F	-	0