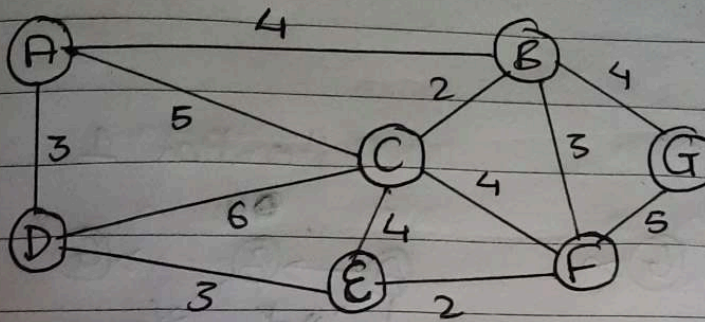




Q2)



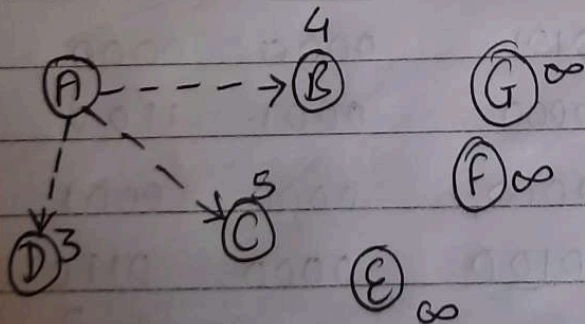
Name - ASHUTOSH.A

REGNO - 12BRS
20BRS1262

Forwarding Table

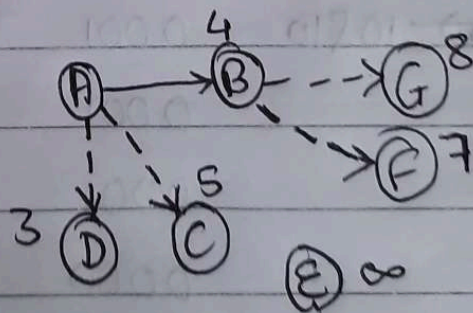
Node	B	C	D	E	F	G
A	4	5	3	∞	∞	∞
{A,B}	-	5	3	∞	7	8
{A,B,C}	-	-	3	9	7	8
{A,B,C,D}	-	-	-	6	7	8
{A,B,C,D,E}	-	-	-	-	7	8
{A,B,C,D,E,F}	-	-	-	-	-	8
{A,B,C,D,E,F,G}	-	-	-	-	-	-

Initialization



Shortest path tree

iteration 1

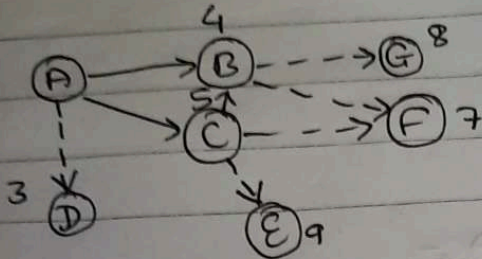




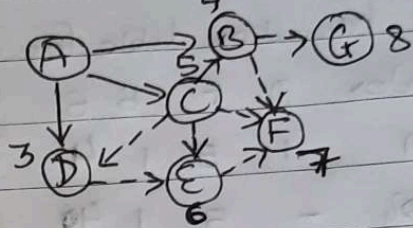
Page :

Date : / /

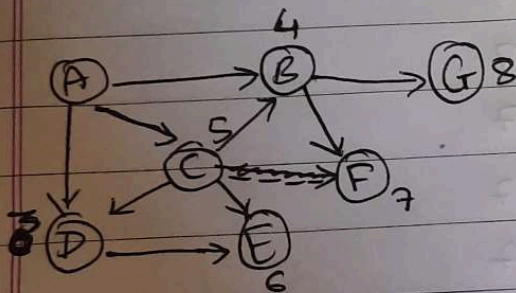
iteration 2



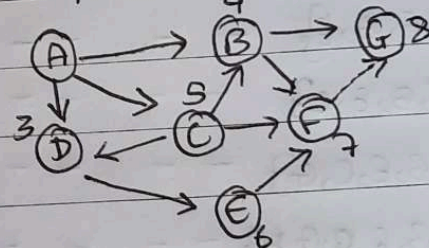
iteration 3



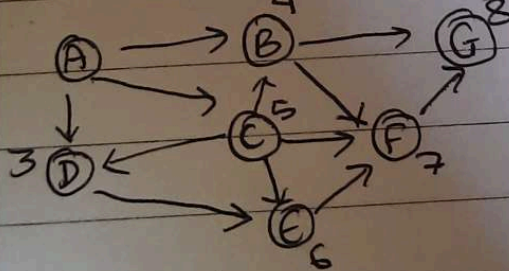
iteration 4



iteration 5

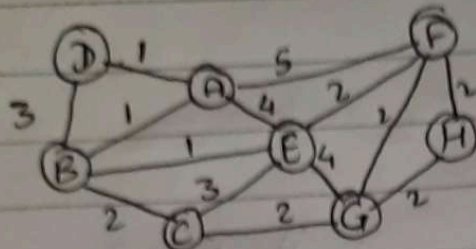


iteration 6





Q)



Forwarding table for node A:-

nodes	D	F	B	E	C	G	H
A	1	5	1	4	∞	∞	∞

{A,D}	-	5	1	4	∞	∞	∞
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{A,D,F}	-	-	1	4	∞	7	7
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{A,D,F,B}	-	-	-	2	3	7	7
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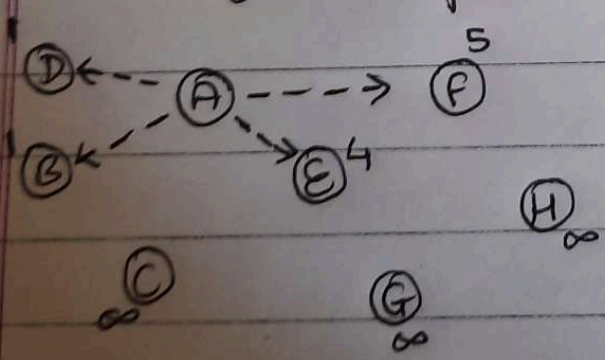
{A,D,F,B,E}	-	-	-	-	3	7	7
-------------	---	---	---	---	---	---	---

{A,D,F,B,E,C}	-	-	-	-	-	5	7
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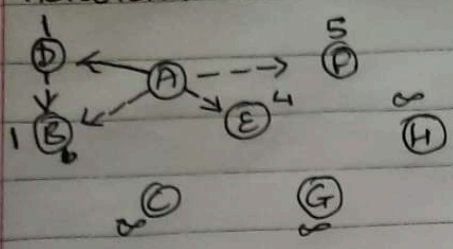
{A,D,F,B,E,C,G}	-	-	-	-	-	-	7
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{A,D,F,B,E,C,G,H}	-	-	-	-	-	-	-
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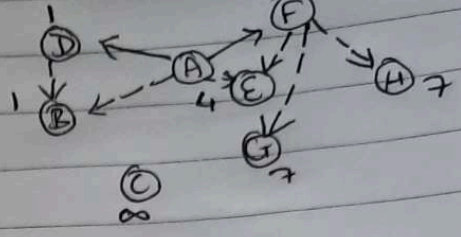
Shortest path tree



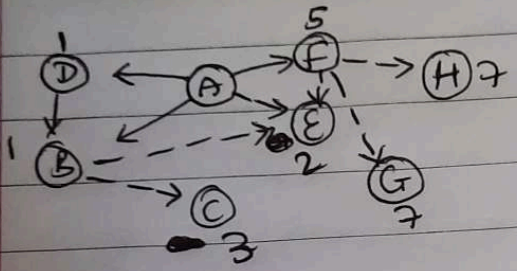
iteration 1



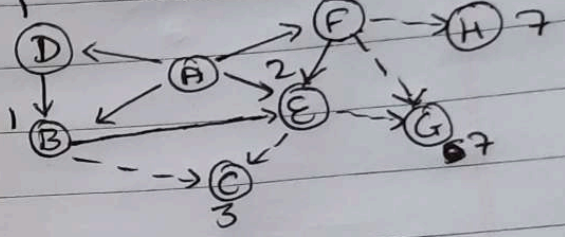
iteration 2



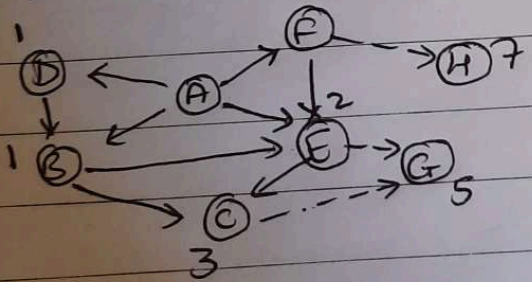
iteration 3



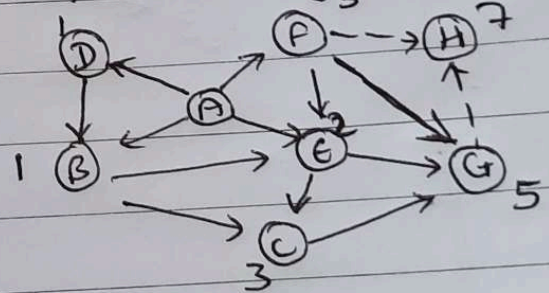
iteration 4



iteration 5



iteration 6



iteration 7

