

Microsoft Windows [Version 10.0.18362.535]  
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C:\Users\sagar>cd Desktop

C:\Users\sagar\Desktop>cd CN

C:\Users\sagar\Desktop\CN>g++ dijsktraAlgo.cpp

C:\Users\sagar\Desktop\CN>a.exe

Enter the no. of vertices : 8

Enter the no. of edges : 14

Enter the key value of nodes :

A B C D E F G H

Enter the vertices pairs having edges and weights :

F G 6

F E 1

F D 3

G H 14

G D 1

E D 1

E C 3

D C 1

D B 9

G B 4

H B 2

B A 1

C A 4

C B 2

Enter the source Node : F

Enter the destination Node : A

Distance from Source = 6

Path for Source to Destination :

B - A 1

C - B 2

D - C 1

E - D 1

F - E 1

C:\Users\sagar\Desktop\CN>