

How many vertices do you want to add (MAX = 10): 5

-----DATA ENTRY-----

Name of City : Pune

-----DATA ENTRY-----

Name of City : Agra

-----DATA ENTRY-----

Name of City : Delhi

-----DATA ENTRY-----

Name of City : Chennai

-----DATA ENTRY-----

Name of City : Kochi

Current Node : Pune

Do you want to add any link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Chennai

Edge Weight : 2

Do you want to add another link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Delhi

Edge Weight : 5

Do you want to add another link from the current city[Y-1/N-0] : 0

Current Node : Agra

Do you want to add any link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Chennai

Edge Weight : 15

Do you want to add another link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Kochi

Edge Weight : 11

Do you want to add another link from the current city[Y-1/N-0] : 0

Current Node : Delhi

Do you want to add any link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Kochi

Edge Weight : 6

Do you want to add another link from the current city[Y-1/N-0] : 0

Current Node : Chennai

Do you want to add any link from the current city[Y-1/N-0] : 1

Enter the city name you want to add link to : Kochi

Edge Weight : 10

Do you want to add another link from the current city[Y-1/N-0] : 0

Current Node : Kochi

Do you want to add any link from the current city[Y-1/N-0] : 0

	Pune	Agra	Delhi	Chennai	Kochi
Pune	0	0	5	2	0
Agra	0	0	0	15	11
Delhi	5	0	0	0	6
Chennai	2	15	0	0	10
Kochi	0	11	6	10	0

Source : Pune

Destination : Kochi

Path : Pune -> Delhi -> Kochi -> SHORTEST DISTANCE :11