

```
//Prims Algo Output
```

```
Enter the number of cities present in network : 5
```

```
Current Entry : 1
```

```
-----  
Name : Pune
```

```
Current Entry : 2
```

```
-----  
Name : Chennai
```

```
Current Entry : 3
```

```
-----  
Name : Delhi
```

```
Current Entry : 4
```

```
-----  
Name : Agra
```

```
Current Entry : 5
```

```
-----  
Name : Kochi
```

```
CURRENT CITY : Pune
```

```
Do you want to add a link from current city : 1
```

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

```
EDGE WT : 1
```

```
Do you want to add another link from current city : 1
```

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

```
EDGE WT : 3
```

```
Do you want to add another link from current city : 1
```

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

```
EDGE WT : 15
```

```
Do you want to add another link from current city : 0
```

```
CURRENT CITY : Chennai
```

```
Do you want to add a link from current city : 1
```

```
Enter the name of the city you want to add link to :Agra
```

```
EDGE WT : 5
```

```
Do you want to add another link from current city : 0
```

```
CURRENT CITY : Delhi
```

```
Do you want to add a link from current city : 1
```

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

```
EDGE WT : 7
```

```
Do you want to add another link from current city : 0
```

```
CURRENT CITY : Agra
```

```
Do you want to add a link from current city : 1
```

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

```
EDGE WT : 20
```

```
Do you want to add another link from current city : 0
```

CURRENT CITY : Kochi

Do you want to add a link from current city : 0

ENTERED GRAPH IS :

	Pune	Chennai	Delhi	Agra	Kochi
Pune	0	1	15	0	3
Chennai	1	0	0	5	0
Delhi	15	0	0	0	7
Agra	0	5	0	0	20
Kochi	3	0	7	20	0

Source :Kochi

Kochi - > Pune - 3 : ACCEPTED

Pune - > Chennai - 1 : ACCEPTED

Chennai - > Agra - 5 : ACCEPTED

Kochi - > Delhi - 7 : ACCEPTED

MINIMUM SPANNING TREE IS :

	Pune	Chennai	Delhi	Agra	Kochi
Pune	0	1	0	0	3
Chennai	1	0	0	5	0
Delhi	0	0	0	0	7
Agra	0	5	0	0	0
Kochi	3	0	7	0	0