**Output:**

Enter no. of cities : 4

Enter Cities : pune

mumbai

delhi

kashmir

The Cities are : pune mumbai delhi kashmir

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 1

Enter cities where flights are present : pune mumbai

Amount of fuel required to make the flight : 120

Amount of fuel required 120 From cities punemumbai

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 1

Enter cities where flights are present : delhi pune

Amount of fuel required to make the flight : 300

Amount of fuel required 300 From cities delhipune

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 2

0 120 300 0

120 0 0 0

300 0 0 0

0 0 0 0

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 1

Enter cities where flights are present : mumbai kashmir

Amount of fuel required to make the flight : 210

Amount of fuel required 210 From cities mumbaikashmir

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 2

0 120 300 0

120 0 0 210

300 0 0 0

0 210 0 0

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 3

pune

mumbai

delhi

kashmir

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 4

pune

mumbai

delhi

kashmir

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 2

0 120 300 0

120 0 0 210

300 0 0 0

0 210 0 0

1.Press 1 if flight path is present between these two cities

2.Press 2 to Display the matrix representing flight path n fuel required

3.Press 3 for BFT

4.Press 4 for DFT

Your choice is : 5