**Air Fare Details**

Write a program to display the fare between two cities based on flight.

**[Note :  Strictly adhere to the object-oriented specifications given as a part of the problem statement.  
Follow the naming conventions as mentioned. Create separate classes in separate files.]**

Consider an interface **AirFare** with the following method,

|  |  |
| --- | --- |
| **Method Name** | **Description** |
| double ShowFare(string sourceCity, string destinationCity) | In this method get the fare between the 2 cities and return the value. |

Consider the class **Indigo** which implements **AirFare** with the following methods,

|  |  |
| --- | --- |
| **Method Name** | **Description** |
| public double ShowFare(string sourceCity,string destinationCity) | In this method, get the fare details from the dictionary and return the fare value between two cities. |
| public Dictionary<string, double> GetIndigoFares() | This method will return all the fare details between source and destination cities for Indigo. This method will be given in template code. |

Consider the class **AirIndia** which implements **AirFare** with the following methods,

|  |  |
| --- | --- |
| **Method Name** | **Description** |
| public double ShowFare(string sourceCity,string destinationCity) | In this method get the fare for the trip from the dictionary and return the fare value between two cities. |
| public Dictionary<string, double> GetAirIndiaFares() | This method will contain all the fare details between source and destination cities for Air India. This method will be given in template code. |

Consider the class **Program**with **Main** method to test the above classes.  
  
**Problem Specification:**  
All the fare from source to destination will be given in dictionary(for both Indigo and Air india).  
Use that dictionary to find the travelling fare.  
  
The link to download the template code is given below  
[Code Template](https://hcl.e-box.co.in/problem/showTemplateCodeSet/8440?op=download&langid=13)

**Input and** **Output Format:**

Display the fare value correct to **1 decimal** place.  
Refer sample input and output for formatting specifications.  
**All text in bold corresponds to the input and the rest corresponds to output.**  
  
**Sample Input and Output 1:**  
Enter the source city:  
**LONDON**  
Enter the destination city:  
**NEWYORK**  
Enter the flight:  
1.Air India  
2.Indigo  
**2**  
The fare is 20125.0  
  
**Sample Input and Output 2:**  
Enter the source city:  
**LONDON**  
Enter the destination city:  
**NEWYORK**  
Enter the flight:  
1.Air India  
2.Indigo  
**1**  
The fare is 21963.0