Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Third Year B. Tech (EL & CE)

Semester: V **Subject:** Object-Oriented Programming Lab

Name: Shreerang Mhatre **Class: SY**

Roll No: 52 **Batch: A3**

Experiment No: 01

Name of the Experiment: Classes and Objects

Performed on: 23/08/2023

Submitted on: 30/08/2023

Problem Statement:

Airline details format and its attributes

1)Name of the passenger
2) Age
3)Flight no
4)Departure time
5)location

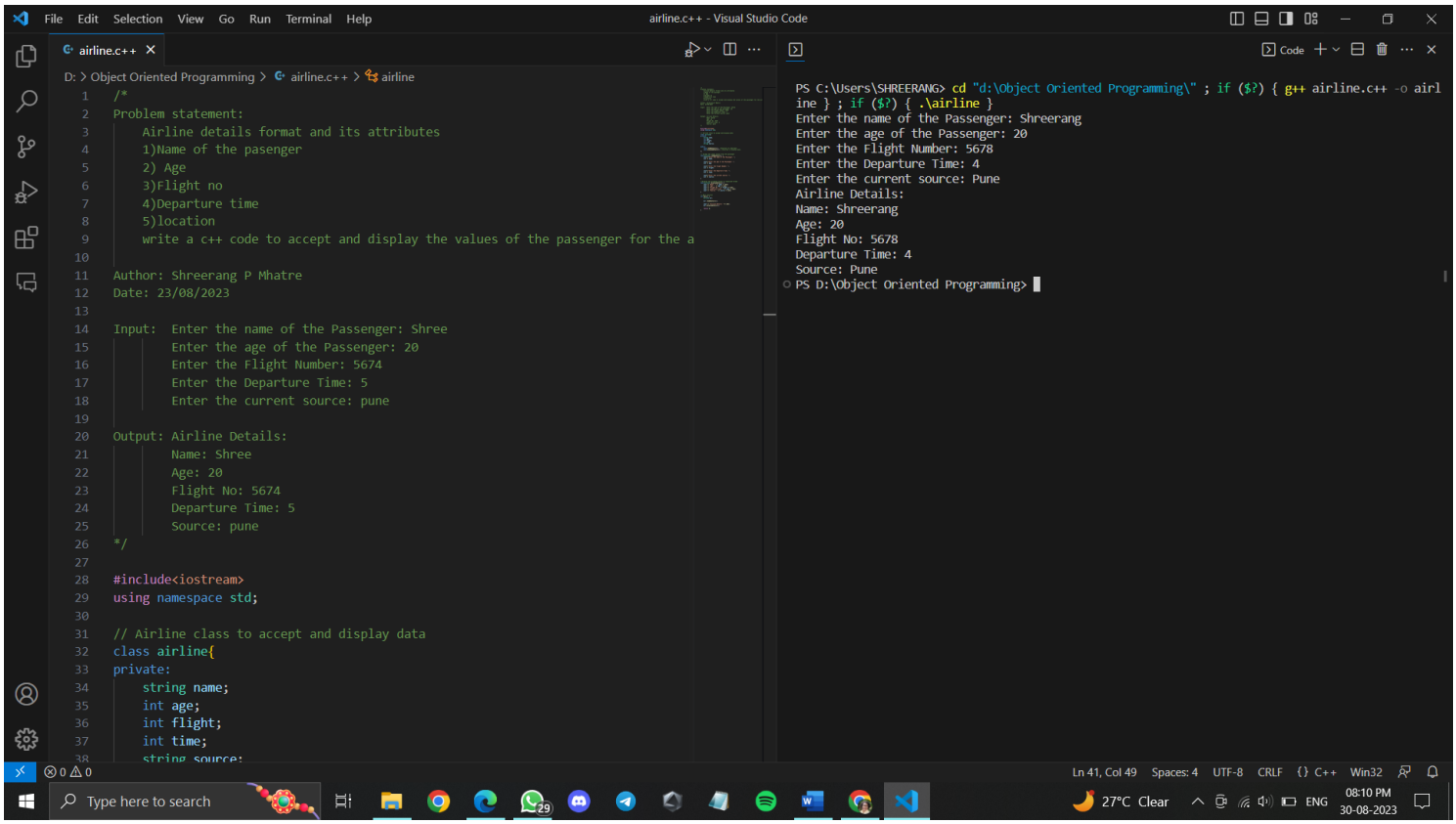
Write a C++ code to accept and display the values of the passenger for the airline

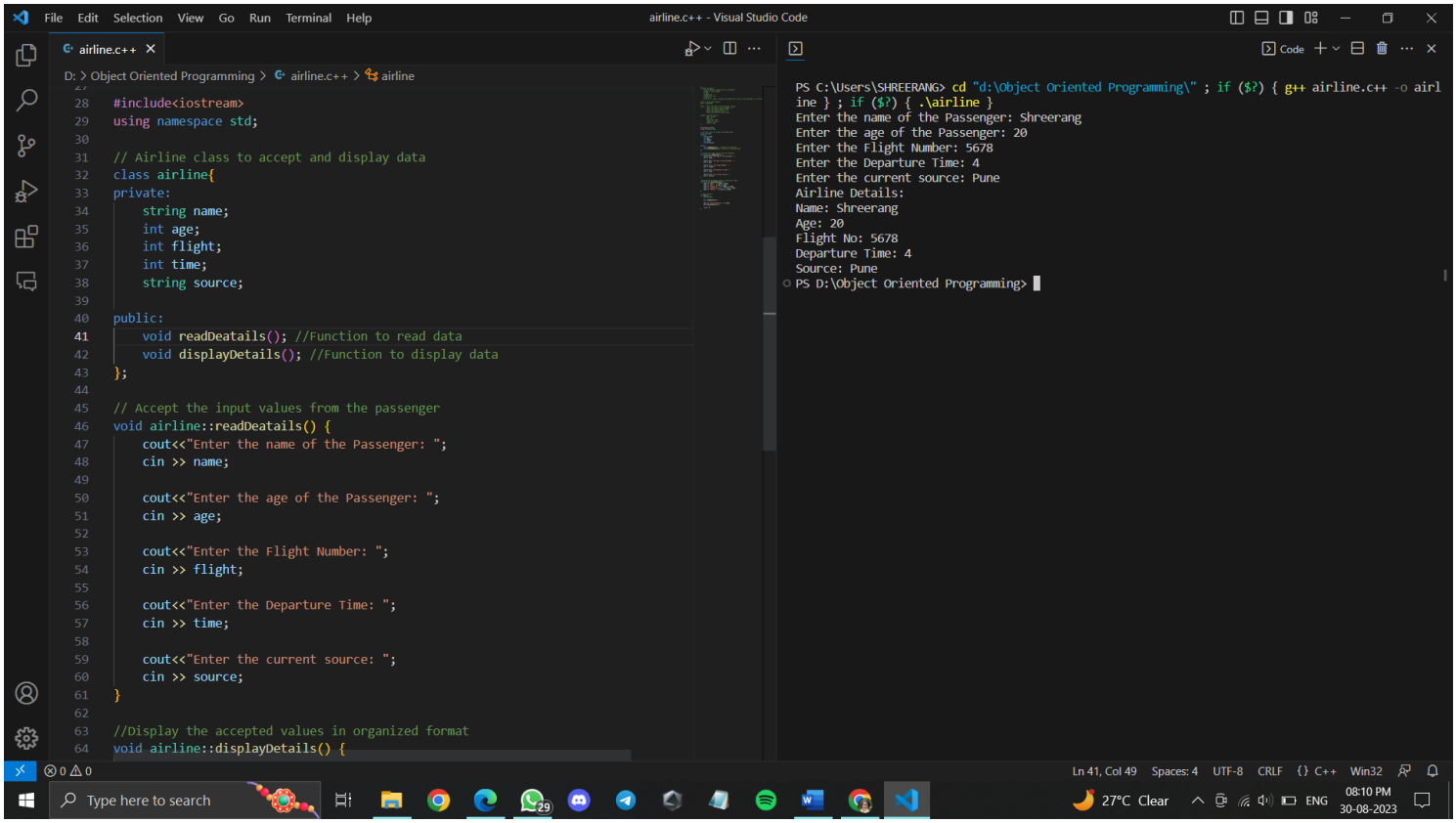
```
Input:  Enter the name of the Passenger: Shree
        Enter the age of the Passenger: 20
        Enter the Flight Number: 5674
        Enter the Departure Time: 5
        Enter the current source: pune

Output: Airline Details:
        Name: Shree
        Age: 20
        Flight No: 5674
        Departure Time: 5
        Source: pune
```

Code:

```
#include<iostream>
using namespace std;

// Airline class to accept and display data
class airline{
private:
   string name;
   int age;
   int flight;
   int time;
   string source;

public:
   void readDeatails(); //Function to read data
   void displayDetails(); //Function to display data
};

// Accept the input values from the passenger
void airline::readDeatails() {
   cout<<"Enter the name of the Passenger: ";
   cin >> name;

   cout<<"Enter the age of the Passenger: ";
   cin >> age;

   cout<<"Enter the Flight Number: ";
   cin >> flight;

   cout<<"Enter the Departure Time: ";
   cin >> time;

   cout<<"Enter the current source: ";
   cin >> source;
}

//Display the accepted values in organized format
void airline::displayDetails() {
   cout << "Name: " << name << endl;
   cout << "Age: " << age << endl;
   cout << "Flight No: " << flight << endl;
   cout << "Departure Time: " << time << endl;
   cout << "Source: " << source << endl;
}

// Main function
int main() {
   airline air;
```

```
    air.readDeatails();

    cout << "Airline Details: "<< endl;
    air.displayDetails();

    return 0;
}
```




File Edit Selection View Go Run Terminal Help
airline.c++ - Visual Studio Code
airline.c++
D: > Object Oriented Programming > airline.c++ > airline
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cin >> flight;
cout<<"Enter the Departure Time: ";
cin >> time;
cout<<"Enter the current source: ";
cin >> source;
}
//Display the accepted values in organized format
void airline::displayDetails() {
PS C:\Users\SHREERANG> cd "d:\Object Oriented Programming\" ; if ($?) { g++ airline.c++ -o airline } ; if ($?) { .\airline }
Enter the name of the Passenger: Shreerang
Enter the age of the Passenger: 20
Enter the Flight Number: 5678
Enter the Departure Time: 4
Enter the current source: Pune
Airline Details:
Name: Shreerang
Age: 20
Flight No: 5678
Departure Time: 4
Source: Pune
PS D:\Object Oriented Programming>
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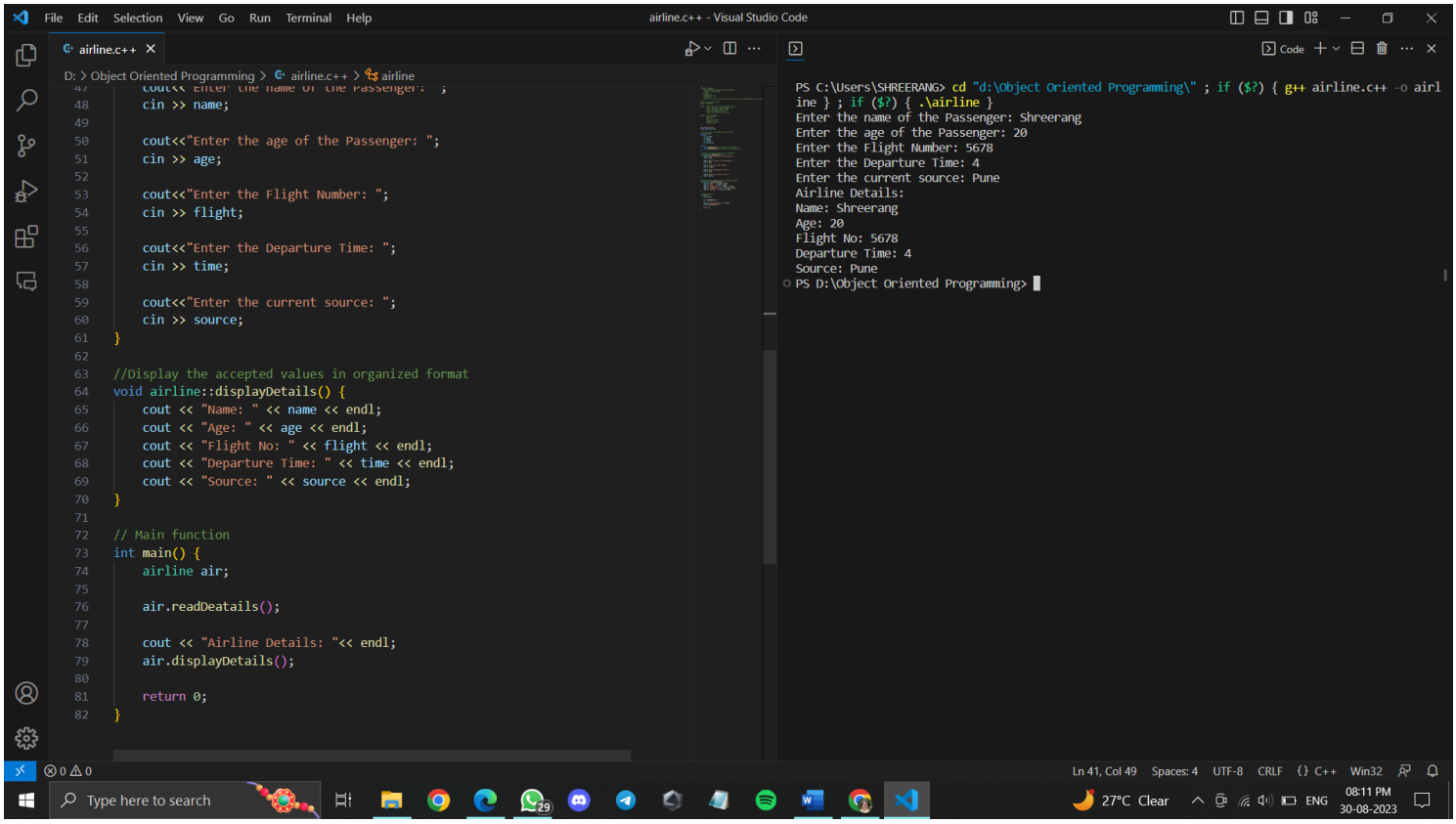
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PS D:\Object Oriented Programming>
Ln 41, Col 49 Spaces: 4 UTF-8 CRLF {} C++ Win32
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30-08-2023