

A2 BATCH PRACTICAL

OOPL ASSIGNMENT 1

PROBLEM STATEMENT:

Airline passenger information design cpp class to accept and display information for the airline. the following information needs to be displayed name,age,flight number,departure time, source

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***/**

```
#include <iostream> using
```

```
namespace std;
```

```
class Passenger {
```

```
public:
```

```
    string name; // passenger name      int  
    age; // passenger age      string  
    flight_number; // flight number      string  
    departure_time; // departure time      string  
    source; // source
```

```
void get_info(){
```

```
// Prompt user for passenger information
cout << "Enter passenger name: ";
cin >> name;

cout << "Enter passenger age: ";
cin >> age;

cout << "Enter flight number: ";
cin >> flight_number;

cout << "Enter departure time: ";
cin >> departure_time;

cout << "Enter source: ";
cin >> source;

}

void show_info(){
    // Display passenger information
    cout << "Passenger Information:" << endl;
    cout << "Name: " << name << endl;
    cout << "Age: " << age << endl;
    cout << "Flight Number: " << flight_number << endl;
}
```

```
cout << "Departure Time: " << departure_time << endl;
cout << "Source: " << source << endl;
}

};

int main() {
    Passenger passenger1;
    Passenger passenger2;

    passenger1.get_info();
    passenger2.get_info();
    passenger1.show_info();
    passenger2.show_info();

    return 0;
}
```

```
1 // Online C++ compiler to run C++ program online
2 #include <iostream>
3
4 #include <iostream>
5
6 using namespace std;
7
8 class Passenger {
9     public:
10     string name; // passenger name
11     int age; // passenger age
12     string flight_number; // flight number
13     string departure_time; // departure time
14     string source; // source
15
16     void get_info(){
17         // Prompt user for passenger information
18         cout << "Enter passenger name: ";
19         cin >> name;
20
21         cout << "Enter passenger age: ";
22         cin >> age;
23
24         cout << "Enter flight number: ";
25         cin >> flight_number;
26
27         cout << "Enter departure time: ";
```

```
/tmp/JD7QWdk2go.o
Enter passenger name: Gaurav
Enter passenger age: 19
Enter flight number: 112211
Enter departure time: 18.35pm
Enter source: Mumbai
Enter passenger name: Shubham
Enter passenger age: 20
Enter flight number: 445566
Enter departure time: 20.10pm
Enter source: Visakapatnam
Passenger Information:
Name: Gaurav
Age: 19
Flight Number: 112211
Departure Time: 18.35pm
Source: Mumbai
Passenger Information:
Name: Shubham
Age: 20
Flight Number: 445566
Departure Time: 20.10pm
Source: Visakapatnam
```

main.cpp



```
28
29
30     cout << "Enter departure_time: ";
31     cin >> departure_time;
32
33 }
34
35 void show_info(){
36     // Display passenger information
37     cout << "Passenger Information:" << endl;
38     cout << "Name: " << name << endl;
39     cout << "Age: " << age << endl;
40     cout << "Flight Number: " << flight_number << endl;
41     cout << "Departure Time: " << departure_time << endl;
42     cout << "Source: " << source << endl;
43 }
44 };
45
46
47 int main() {
48     Passenger passenger1;
49     Passenger passenger2;
50
51     passenger1.get_info();
52     passenger2.get_info();
53     passenger1.show_info();
54     passenger2.show_info();
55 }
```