# Third Year B. Tech (EL & CE)

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

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**Roll No: 52 Batch: A3**

# Experiment No: 01

**Name of the Experiment**: **Classes and Objects**

**Performed on: 23/08/2023**

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**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;

}





