

```
/*  
 * To change this license header, choose License Headers in Project Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
 */
```

```
package airlinereservation;
```

```
import java.util.Scanner;
```

```
/**  
 *  
 * @author Abdul Moiz Chishti  
 */  
public class  
AirlineReservation { public class  
FlightData {
```

```
String flightcode,takeoff,destination,dot; public void flightdata(String  
flightcode,String takeoff,String destination,String dot){ this.flightcode=flightcode;  
this.takeoff=takeoff; this.destination=destination; this.dot=dot;  
}
```

```
public void flightdata(){  
    System.out.println("*****\n");  
    System.out.println("Flightcode : "+flightcode);  
    System.out.println("Take-off : "+takeoff);  
    System.out.println("Destination : "+destination);  
    System.out.println("Date of Travel : "+dot);
```

```

    }

    public class Business extends FlightData{

        String pname,add,mobno,ta;

        public void business(String pname,String add,String mobno,String ta){
this.pname=pname;    this.add=add;

        this.mobno=mobno;

        this.ta=ta;

        }

        public void business(){

            System.out.println("Passenger Name : "+pname);

            System.out.println("Address : "+add);

            System.out.println("Mobile number : "+mobno);

            System.out.println("Ticket Amount : "+ta);

        }

    }

    public class Economy extends Business{

        String discount;

        public void economy(String discount){
this.discount=discount;

        }

        public void economy(){

            System.out.println("Discount : "+discount);

        }
    }

```

```

}

public class Employee extends Economy{

    String ec;    public void
employee(String ec){

    this.ec=ec;

    }

    public void employee(){

        System.out.println("Employee Code : "+ec);

    }

}

public static void main(String[] args) {

    Scanner sc=new Scanner(System.in);

    FlightData obj=new FlightData();

    Business obj1=new Business();

    Economy obj2=new Economy();

    Employee obj3=new Employee();

    System.out.print("Enter Flight code :");

    String flightcode=sc.nextLine();

    System.out.print("Enter Takeoff :");

    String takeoff=sc.nextLine();

    System.out.print("Enter Destination :");

    String destination=sc.nextLine();

    System.out.print("Enter Date of Travel :");

```

```
String dot=sc.nextLine();
```

```
System.out.print("Enter passenger name :");
```

```
String pname=sc.nextLine();
```

```
System.out.print("Enter Address :");
```

```
String add=sc.nextLine();
```

```
System.out.print("Enter Mobile number :");
```

```
String mobno=sc.nextLine();
```

```
System.out.print("Enter Ticket Amount :");
```

```
String ta=sc.nextLine();
```

```
System.out.print("Enter Discount :");
```

```
String d=sc.nextLine();
```

```
System.out.print("Enter Empolyee Code :");
```

```
String ec=sc.nextLine();
```

```
obj.flightdata(flightcode, takeoff, destination, dot);
```

```
obj.flightdata();
```

```
obj1.business(pname, add, mobno, ta);
```

```
obj1.business();
```

```
obj2.economy(dot);
```

```
obj2.economy();
```

```
}
```

```
}
```

## OUTPUT:

```
Enter Flight code : Fkp 63
Enter Takeoff :Karachi
Enter Destination :Islamabad
Enter Date of Travel :5-31-2021
Enter passenger name :Abdul Moiz Chishti
Enter Address :Gulshan-e-Iqbal
Enter Mobile number :0333-1234567
Enter Ticket Amount :1250
Enter Discount :20%
Enter Empolyee Code :21234
*****/n
Flightcode : Fkp 63
Take-off : Karachi
Destination : Islamabad
Date of Travel : 5-31-2021
Passenger Name : Abdul Moiz Chishti
Address : Gulshan-e-Iqbal
Mobile number : 0333-1234567
Ticket Amount : 1250
Discount : 5-31-2021
BUILD SUCCESSFUL (total time: 1 minute 57 seconds)
```