package javaapplication30;

import java.util.Scanner;

class airline{

int fno;

String src;

String dest;

int sno;

int count=1;

int c[]=new int[100];

int base;

int base(String ch){

switch(ch){

case "mumbai":

//mumbai

base=3500;

break;

case "chennai":

//chennai;

base=4000;

case "hyderabad":

//hyderabad

base=3800;

case "banglore":

//banglore

base=4000;

case "chandigarh":

//chandigarh

base=2500;

case "kolkata":

//kolkata

base=3000;

default:

System.out.println("..Enter the correct option..");

}

return base;

}

airline(int f,String s,String d){

f=fno;

s=src;

d=dest;

}

airline(int sn,int fn){

sn=sno;

fn=fno;

}

int check(int b){

for(int a=0;a<100;a++){

if(c[a]==b){

count=count+1;

break;

}

else

break;

}

return count;

}

void book(int m){

m=sno;

for(int n=0;n<100;n++){

c[n]=m;

}

System.out.println(" Booked!!!\n");

}

double economy(){

double ca;

ca=((0.20\*base)+base+(0.05\*base));

System.out.println(" Total fare is: "+ca+"\n");

return ca;

}

double business(){

double ca;

ca=((0.30\*base)+(0.20\*base)+base+(0.10\*base));

System.out.println(" Total fare is: "+ca+"\n");

return ca;

}

void cancel(int w){

w=sno;

for(int y=0;y<100;y++)

{

if(c[y]==w){

c[y]=0;

}System.out.println(" Cancelled!!!\n");

}

}

void Full(int e){

e=sno;

for(int x=0;x<100;x++){

if(c[x]==0)

c[x]=e;

}

}

}

public class JavaApplication30 {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int a,b,c,d,e,g,h=1;

double f,i;

String x,y,z,w;

System.out.println(" \*\*\*JET AIRWAYS\*\*\* \n");

System.out.println(" Enter the choice:\n 1).Book\n 2).Cancel\n 3).Exit\n");

a=sc.nextInt();

switch(a){

case 1:

{

System.out.println(" Flight no: \n");

b=sc.nextInt();

x="delhi";

System.out.println(" Destination: \n");

y=sc.next();

w=y.toLowerCase();

airline ar=new airline(b,x,w);

ar.base(y);

System.out.println(" Enter the option:\n 1).economy class\n 2).business class\n ");

d=sc.nextInt();

switch(d){

case 1:{

e=ar.base(w);

f=ar.economy();

}break;

case 2:{

e=ar.base(w);

f=ar.business();

}break;

default:

System.out.println(" Enter the correct option");

break;

}

System.out.println(" Seat no: \n");

c=sc.nextInt();

g=ar.check(c);

if(g==1)

{

System.out.println(" Sorry!!!\n This seat has been booked already\n");

}

else

System.out.println(" Available!!!\n");

System.out.println(" \*\*\*Complete your payment\*\*\*\n");

ar.book(c);

}break;

case 2:

{

System.out.println(" Flight no: \n");

b=sc.nextInt();

System.out.println(" Seat no: \n");

c=sc.nextInt();

airline ar1=new airline(b,c);

ar1.cancel(c);

}break;

case 3:

break;

default:

System.out.println(" Enter the correct option\n");

}

}

}v