import java.util.\*;

import java.io.\*;

class project

{

int NoOfSeats;

int costOfOneTicket;

int ctr;

public static void main() throws IOException

{

GregorianCalendar date=new GregorianCalendar();

System.out.println("============================================================================================================================================================");

System.out.println(" PARAS KHURANA & AFZAL MUKHTAR X - \"D\" COMPUTER APP. PROJECT 2015-2016 TICKET BOOKING");

System.out.println("============================================================================================================================================================");

System.out.println("");

System.out.println("");

System.out.println(" ================================");

System.out.println(" Horizon Ticket Booking and Tours");

System.out.println(" ================================");

System.out.println("");

System.out.println("............................................................................................................................................................");

System.out.println(" You are welcome to Horizon Ticket Booking and Tours......Thanks for choosing Horizon Ticket Booking and Tours!");

System.out.println("............................................................................................................................................................");

System.out.println("");

System.out.println("");

System.out.println("Date:"+date.get(Calendar.DATE)+"/"+(date.get(Calendar.MONTH)+1)+"/"+date.get(Calendar.YEAR));

System.out.println("Time:"+date.get(Calendar.HOUR)+":"+date.get(Calendar.MINUTE)+":"+date.get(Calendar.SECOND));

System.out.println("We have our branches in all the major cities of India....:");

System.out.println("");

System.out.println("-----------------------------------");

System.out.println("| 1) Bengalooru -- Karnataka |");

System.out.println("| 2) Kolkata -- West Bengal |");

System.out.println("| 3) Mumbai -- Maharashtra |");

System.out.println("| 4) New Delhi -- Delhi |");

System.out.println("-----------------------------------");

System.out.println("");

System.out.println("Please choose the place where you wish to board your flight, train or bus...");

System.out.println("Type '1' for Bengalooru");

System.out.println("Type '2' for Kolkata");

System.out.println("Type '3' for Mumbai");

System.out.println("Type '4' for New Delhi");

Scanner input = new Scanner(System.in);

int location=input.nextInt();

switch(location)

{

case 1:

{

System.out.println("We have the following three branches in Bengalooru:");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("47, N-F Tours and Travels,");

System.out.println("Inner Ring Road,");

System.out.println("B.T.M. Layout,");

System.out.println("Bengalooru.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("887, N-F Tours and Travels,");

System.out.println("Ring Road,");

System.out.println("Whitefield,");

System.out.println("Bengalooru.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("710, N-F Tours and Travels,");

System.out.println("Old Madras Road,");

System.out.println("Near Oracle Inc.,");

System.out.println("Bengalooru.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("Horizon Ticket Booking and Tours brings to you 5 out of the innumerable places to visit in INDIA");

System.out.println("1.Mysore");

System.out.println("2.Jaipur");

System.out.println("3.Goa");

System.out.println("4.Agra");

System.out.println("5.Shimla");

System.out.println("");

System.out.println("Please choose the place to where you would like to BOOK YOUR TICKET to:");

System.out.println("TYPE: 1 for Mysore | 2 for Jaipur | 3 for Goa | 4 for Agra | 5 for Shimla");

int destination=input.nextInt();

project obj=new project();

if (destination==1)

{obj.bengalooru\_to\_mysore();}

else if(destination==2)

{obj.bengalooru\_to\_jaipur();}

else if(destination==3)

{obj.bengalooru\_to\_goa();}

else if(destination==4)

{obj.bengalooru\_to\_agra();}

else if(destination==5)

{obj.bengalooru\_to\_shimla();}

else

System.out.print("WRONG CHOICE");

break;

}

case 2:

{

System.out.println("We have the following two branches in Kolkata:");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("77, N-F Tours and Travels,");

System.out.println("Mahatama Gandhi Road,");

System.out.println("Kolkata.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("400, N-F Tours and Travels,");

System.out.println("Acharya Prafulla Chandra Road,");

System.out.println("Near Raja Bazar Tram Depot,");

System.out.println("Kolkata.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("Horizon Ticket Booking and Tours brings to you 5 out of the innumerable places to visit in INDIA");

System.out.println("1.Mysore");

System.out.println("2.Jaipur");

System.out.println("3.Goa");

System.out.println("4.Agra");

System.out.println("5.Shimla");

System.out.println("");

System.out.println("Please choose the place to where you would like to BOOK YOUR TICKET to:");

System.out.println("TYPE: 1 for Mysore | 2 for Jaipur | 3 for Goa | 4 for Agra | 5 for Shimla");

int destination=input.nextInt();

project obj=new project();

if (destination==1)

{obj.kolkata\_to\_mysore();}

else if(destination==2)

{obj.kolkata\_to\_jaipur();}

else if(destination==3)

{obj.kolkata\_to\_goa();}

else if(destination==4)

{obj.kolkata\_to\_agra();}

else if(destination==5)

{obj.kolkata\_to\_shimla();}

else

System.out.print("WRONG CHOICE");

break;

}

case 3:

{

System.out.println("We have the following six branches in Mumbai:");

System.out.println("");

System.out.println("---------------------------------------------------------------------------------------------------");

System.out.println("");

System.out.println("77, N-F Tours and Travels, | 88, N-F Tours and Travels,");

System.out.println("Mahatama Gandhi Road, | Aarey Road,");

System.out.println("Borivali, | Goregaon (EAST),");

System.out.println("Mumbai. | Mumbai.");

System.out.println("");

System.out.println("---------------------------------------------------------------------------------------------------");

System.out.println("");

System.out.println("022, N-F Tours and Travels [HEAD OFFICE], | 44, N-F Tours and Travels,");

System.out.println("J.P Road, | S.V Road (Bandra Terminus Side");

System.out.println("Near Azad Nagar Metro Station, | Bandra (WEST),");

System.out.println("Andheri (WEST), | Mumbai.");

System.out.println("Mumbai.");

System.out.println("");

System.out.println("-----------------------------------------------------------------------------------------------------");

System.out.println("");

System.out.println("04, N-F Tours and Travels, | 124, N-F Tours and Travels,");

System.out.println("Malad - Marve Road, | S.V Road, near L.I.C Colony,");

System.out.println("Malad (WEST), | Juhu,");

System.out.println("Mumbai. | Mumbai.");

System.out.println("");

System.out.println("-----------------------------------------------------------------------------------------------------");

System.out.println("");

System.out.println("Horizon Ticket Booking and Tours brings to you 5 out of the innumerable places to visit in INDIA:");

System.out.println("1.Mysore");

System.out.println("2.Jaipur");

System.out.println("3.Goa");

System.out.println("4.Agra");

System.out.println("5.Shimla");

System.out.println("");

System.out.println("Please choose the place to where you would like to BOOK YOUR TICKET to:");

System.out.println("TYPE: 1 for Mysore | 2 for Jaipur | 3 for Goa | 4 for Agra | 5 for Shimla");

int destination=input.nextInt();

project obj=new project();

if (destination==1)

{obj.mumbai\_to\_mysore();}

else if(destination==2)

{obj.mumbai\_to\_jaipur();}

else if(destination==3)

{obj.mumbai\_to\_goa();}

else if(destination==4)

{obj.mumbai\_to\_agra();}

else if(destination==5)

{obj.mumbai\_to\_shimla();}

else

System.out.print("WRONG CHOICE");

break;

}

case 4:

{

System.out.println("We have the following two branches in Delhi:");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("77, N-F Tours and Travels,");

System.out.println("Mahatama Gandhi Road,");

System.out.println("New Delhi.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("411, N-F Tours and Travels,");

System.out.println("Radial Road No.2,");

System.out.println("Near Domino's Pizza,");

System.out.println("New Delhi.");

System.out.println("");

System.out.println("---------------------------------");

System.out.println("");

System.out.println("Horizon Ticket Booking and Tours brings to you 5 out of the innumerable places to visit in INDIA:");

System.out.println("1.Mysore");

System.out.println("2.Jaipur");

System.out.println("3.Goa");

System.out.println("4.Agra");

System.out.println("5.Shimla");

System.out.println("");

System.out.println("Please choose the place to where you would like to BOOK YOUR TICKET to:");

System.out.println("TYPE: 1 for Mysore | 2 for Jaipur | 3 for Goa | 4 for Agra | 5 for Shimla");

int destination=input.nextInt();

project obj=new project();

if (destination==1)

{obj.delhi\_to\_mysore();}

else if(destination==2)

{obj.delhi\_to\_jaipur();}

else if(destination==3)

{obj.delhi\_to\_goa();}

else if(destination==4)

{obj.delhi\_to\_agra();}

else if(destination==5)

{obj.delhi\_to\_shimla();}

else

System.out.print("WRONG CHOICE");

break;

}

default:

{

System.out.print("Sorry, Wrong Choice!");

}

}

}

void bengalooru\_to\_mysore() throws IOException

{

Scanner input=new Scanner(System.in);

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2100;

System.out.println("There is/are 2 flight(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112");

System.out.println("2.IN 121");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender"+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=700;

System.out.println("There is/are 2 two train(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Bangalore-Mysore Express");

System.out.println("2.ST Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Bangaloe-Mysore Express or 2 for ST Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=500;

System.out.println("There is/are 2 busses available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Banglore to Mysore Bus");

System.out.println("2.Mysore Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Banglore to Mysore Bus OR 2 for Mysore Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else

{System.out.println("Sorry, WRONG CHOICE");}

break;

}

}

}

void bengalooru\_to\_jaipur() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=6100;

System.out.println("There is/are 2 flight(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=3200;

System.out.println("There is/are 2 two train(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Bangalore-Jaipur Express");

System.out.println("2.Rajasthan Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Bangalore-Jaipur Express or 2 for Rajasthan Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=4000;

System.out.println("There is/are 2 busses available to Jaipur on the date: " + date + ". All these travel via Golden Quadrilateral Highway which connects all far off places in India.");

System.out.println("");

System.out.println("1.Volvo Banglore to Jaipur Bus");

System.out.println("2.Jaipur Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Bangalore to Jaipur Bus OR 2 for Jaipur Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void bengalooru\_to\_goa() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=4000;

System.out.println("There is/are 2 flight(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=2200;

System.out.println("There is/are 2 two train(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Bangalore-Goa Express");

System.out.println("2.Goa Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Bangalore-Goa Express or 2 for Goa Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=500;

System.out.println("There is/are 2 busses available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Banglore to Goa Bus");

System.out.println("2.Goa Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Banglore to Goa Bus OR 2 for Goa Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void bengalooru\_to\_agra() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus - all of them travel via the Golden Quadrilateral Highway which connects even far off places");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=7000;

System.out.println("There is/are 2 flight(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=3752;

System.out.println("There is/are 2 two train(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Karnataka Express");

System.out.println("2.Rapti Sagar Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Karnataka Express or 2 for Rapti Sagar Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=3200;

System.out.println("There is/are 2 busses available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Banglore to Agra Bus");

System.out.println("2.North Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Banglore to Agra Bus OR 2 for North Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void bengalooru\_to\_shimla() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus - all of them travel via the Golden Quadrilateral Highway which connects even far off places");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=7200;

System.out.println("There is/are 2 flight(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

;

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=4650;

System.out.println("There is/are 2 two train(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Himachal Express");

System.out.println("2.Queen of Hills Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Himachal Express or 2 for Queen of Hills Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=4112;

System.out.println("There is/are 2 busses available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Banglore to Shimla Bus");

System.out.println("2.Himachal Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Banglore to Shimla Bus OR 2 for Himachal Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void kolkata\_to\_mysore() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus - all of them travel via the Golden Quadrilateral Highway which connects even far off places");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=5999;

System.out.println("There is/are 2 flight(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=2200;

System.out.println("There is/are 2 two train(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Bengal Express");

System.out.println("2.Karnataka Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Bengal Express or 2 for Karnataka Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=1980;

System.out.println("There is/are 2 busses available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Kolkata to Mysore Bus");

System.out.println("2.Mysore Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Mysore Bus OR 2 for Mysore Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void kolkata\_to\_jaipur() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus - all of them travel via the Golden Quadrilateral Highway which connects even far off places");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=3950;

System.out.println("There is/are 2 flight(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=2350;

System.out.println("There is/are 2 two train(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Kolkata-Jaipur Express");

System.out.println("2.Rajasthan Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Kolkata-Jaipur Express or 2 for Rajasthan Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=1980;

System.out.println("There is/are 2 busses available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Kolkata to Jaipur Bus");

System.out.println("2.West Indian Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Jaipur Bus OR 2 for West Indian Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void kolkata\_to\_goa() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Kolkata-Goa Express");

System.out.println("2.Bengal Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Kolkata-Goa Express or 2 for Bengal Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Kolkata to Goa Bus");

System.out.println("2.Goa Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Goa Bus OR 2 for Goa Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void kolkata\_to\_agra() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Kolkata-Agra Express");

System.out.println("2.Bengal Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Kolkata-Agra Express or 2 for Bengal Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Kolkata to Agra Bus");

System.out.println("2.Agra Tours Bus - Special Deluxe A/C Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Agra Bus OR 2 for Agra Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void kolkata\_to\_shimla() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Kolkata-Shimla Express");

System.out.println("2.Rajdhani Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Kolkata-Shimla Express or 2 for Rajdhani Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Shimmla on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Kolkata to Shimla Bus");

System.out.println("2.Arpit Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Shimla Bus OR 2 for Arpit Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}void mumbai\_to\_mysore() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Mumbai-Mysore Express");

System.out.println("2.Karnataka Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Mumbai-Mysore Express or 2 for Karnataka Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Mumbai to Mysore Bus");

System.out.println("2.'HERITAGE' Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Mumbai to Mysore Bus OR 2 for 'HERITAGE' Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void mumbai\_to\_jaipur() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Rajisthani Express");

System.out.println("2.Jodhpur Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for RAjasthani Express or 2 for Jodhpur Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Mumbai-Jaipur Bus");

System.out.println("2.'HERITAGE' Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Mumbai to Jaipur Bus OR 2 for 'HERITAGE' Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void mumbai\_to\_goa() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Mumbai-Goa Express");

System.out.println("2.Inter Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Mumbai-Goa Express or 2 for Inter Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Mumbai to Goa Bus");

System.out.println("2.Maharashtra Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Mumbai to Goa Bus OR 2 for Maharashtra Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void mumbai\_to\_agra() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Mumbai-Agra Express");

System.out.println("2.Delhi Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Mumbai-Agra Express or 2 for Delhi Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Mumbai to Agra Bus");

System.out.println("2.Agra Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Mumbai to Agra Bus OR 2 for Agra Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void mumbai\_to\_shimla() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Mumbai-Shimla Express");

System.out.println("2.Uttar Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Mumbai-Shimla Express or 2 for Uttar Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Mumbai to Shimla Bus");

System.out.println("2.Shimla Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Mumbai to Shimla Bus OR 2 for Shimla Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void delhi\_to\_mysore() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Delhi-Mysore Express");

System.out.println("2.Karnataka Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Delhi-Mysore Express or 2 for Karnataka Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Mysore on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Delhi-Karnataka Bus");

System.out.println("2.'HERITAGE' Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Delhi-Karnataka Bus OR 2 for 'HERITAGE' Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void delhi\_to\_jaipur() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Rajdhani Express");

System.out.println("2.Gokul Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Rajdhani Express or 2 for Gokul Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Jaipur on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Jaipur Bus");

System.out.println("2.Rajastan Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Jaipur Bus OR 2 for Rajasthan Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void delhi\_to\_goa() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.NewDehli-Mumbai-Goa Express");

System.out.println("2.Uttar-Paschim Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for NewDelhi-Mumbai-Goa Express or 2 for Uttar-Paschim Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Goa on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Goa Bus");

System.out.println("2.Goa Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Kolkata to Goa Bus OR 2 for Goa Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void delhi\_to\_agra() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.U.P. Express");

System.out.println("2.Shataabdi Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for U.P. Express or 2 for Shataabdi Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Agra on the date: " + date);

System.out.println("");

System.out.println("1.Volvo Delhi to Agra Bus");

System.out.println("2.Gem Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo Delhi to Agra Bus OR 2 for Gem Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void delhi\_to\_shimla() throws IOException

{

System.out.println("How would you like to travel?");

System.out.println("1.Plane, 2.Train or 3.Bus?");

System.out.println("Type 1 for Plane");

System.out.println("Type 2 for Train");

System.out.println("Type 3 for Bus");

Scanner input=new Scanner(System.in);

int mode=input.nextInt();

System.out.println("Type date on which you wish to board flight in the format ddmmyyyy without spaces");

int date=input.nextInt();

;

switch(mode)

{

case 1:

{costOfOneTicket=2700;

System.out.println("There is/are 2 flight(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.IC 4112 - Air India");

System.out.println("2.IN 121 - IndiGo");

System.out.println("Choose the flight you wish to board");

System.out.println("Type 1 for IC 4112 or 2 for IN 121");

int fltno=input.nextInt();

if (fltno==1)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 12, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>12)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{

System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 11, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>11)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 2:

{costOfOneTicket=1100;

System.out.println("There is/are 2 two train(s) available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Delhi-Shimla Express");

System.out.println("2.Northern Railways Express");

System.out.println("Choose the train you wish to board");

System.out.println("Type 1 for Delhi-Shimla Express or 2 for Northern Railways Express");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 40, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>40)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 7, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>7)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

case 3:

{costOfOneTicket=940;

System.out.println("There is/are 2 busses available to Shimla on the date: " + date);

System.out.println("");

System.out.println("1.Volvo NewDelhi to Shimla Bus");

System.out.println("2.Gem Tours Bus");

System.out.println("Choose the bus you wish to board");

System.out.println("Type 1 for Volvo NewDelhi to Shimla Bus OR 2 for Gem Tours Bus");

int fltno=input.nextInt();

if (fltno==1)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 4, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>4)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else if(fltno==2)

{System.out.print("Cost of one Ticket =" + costOfOneTicket);

System.out.println("Choose number of seats. but not more than 2, which is the current availability");

int NoOfSeats=input.nextInt();

if(NoOfSeats>2)

{System.out.print("No. of seats exceeds current avaiability");}

else

{String gender[]=new String[NoOfSeats];

int age[]=new int[NoOfSeats];

String names[]=new String[NoOfSeats];

for(int i=0; i<names.length; i=i+1)

{

System.out.println("Enter name of passenger"+(i+1)+" with a space alongwith the gender");

names[i]=input.nextLine();

System.out.println("Enter gender of passenger"+(i+1)+"<M-male & F-female>");

gender[i]=input.nextLine();

System.out.println("Enter age of passenger"+(i+1));

age[i]=input.nextInt();

}

}

System.out.println("");

project obj=new project();

obj.calculate(costOfOneTicket, NoOfSeats);

}

else{System.out.print("Sorry, WRONG CHOICE");}

break;

}

}

}

void calculate(int x, int y)

{

GregorianCalendar date=new GregorianCalendar();

Scanner input=new Scanner(System.in);

System.out.println("");

System.out.println("");

System.out.println("");

double cost1=x\*y; //normal cost

System.out.println("Please pre-order any food that you would like to have during your journey");

System.out.println("Would you like to do so now?...You get a GREAT 5% discout on your actual ticket price...");

System.out.println("1-YES, 2-NOT NOW");

int choice=input.nextInt();

if(choice==2)

{

String Discount1="----"; //discount in String to print a blank sign

String costoffood="----"; // same here

double cost2=cost1;

double cost3=cost1;

System.out.println("Thank You For Choosing Horizon's Services");

System.out.println("Date:"+date.get(Calendar.DATE)+"/"+(date.get(Calendar.MONTH)+1)+"/"+date.get(Calendar.YEAR));

System.out.println("Time:"+date.get(Calendar.HOUR)+":"+date.get(Calendar.MINUTE)+":"+date.get(Calendar.SECOND));

System.out.println("Your Details are as follows");

System.out.println("No. of Passengers | : " + y);

System.out.println("Cost of tickets | Rs.: " + cost1);

System.out.println("Discount for using food services| Rs.: " + Discount1);

System.out.println("Cost of food | Rs.: " + costoffood);

System.out.println("Total cost | Rs.: " + cost3);

System.out.println("");

System.out.println("Please Choose Your Payment Method");

System.out.println("1.Credit Card, 2.Money Transfer (cash and cheque can only be accepted on counter and not here!)");

System.out.println("You get an additional Discount of 3.5% on Final Proce on Paying via Credit Card.");

System.out.println("Enter 1 or 2");

int payment=input.nextInt();

if(payment==1)

{

System.out.println("Thanks for using Credit Card Method");

double Discount2=(3.5/100)\*cost3;

System.out.println("You get an additional discoint of Rs." + Discount2);

double finalcost=cost3-Discount2;

System.out.println("Your final Price will thus be Rs." + finalcost);

System.out.println("Please enter your credit card no.");

long ccno=input.nextLong();

System.out.println("Thanks, Rs." + finalcost + " will be charged from your credit card.(CC number: "+ ccno + ")") ;

}

else if(payment==2)

{

System.out.println("Please enter your acc. no.");

long accno=input.nextLong();

System.out.println("Our Bank A/C no. is 1754000123");

System.out.println("Thanks, you will have to transfer Rs." + cost3 + " from your acc. to ours. (" + accno + " ----> 1754000123");

}

else

{System.out.println("Sorry, wrong choice");}

}

else if(choice==1)

{

double Discount1=0.05\*cost1;//discount for using food services too

double cost2=cost1-Discount1;// price after discount because of food services

System.out.println("Please have a look at our menu.");

System.out.println("");

System.out.println(" ITEM COST REMARKS");

System.out.println("---------------------------------------------------------------------------------------------------");

System.out.println("1.STARTERS COMBO Rs. 550.00 Includes 3 Starters");

System.out.println("2.Veg. Combo Meal Rs. 1200.00 Includes 2 starters, Meal, Dessert");

System.out.println("3.Non. Veg Combo Meal Rs. 1450.00 Includes 2 starters, N.Veg Meal, Dessert");

System.out.println("4.Chinese Meal of the day Rs. 1000.00 Varies from day to day");

System.out.println("5.Continental Rs. 850.00 Wide variety");

System.out.println("6.Mexican Food Rs. 1000.00 Includes Nachos, Veg/Non Veg Takos");

System.out.println("7.Italian Rs. 1350.00 Includes 1 large pizza, Garlic-Cheese Pasta(Small)");

System.out.println("");

int f1=550;

int f2=1200;

int f3=1450;

int f4=1000;

int f5=850;

int f6=1000;

int f7=1350;

System.out.println("Okay, please let us know your choice");

int food=input.nextInt();

System.out.println("Now enter Quantity");

double foodqty=input.nextInt(); //in double to prevent run-time errors

double costoffood=0;

double cost3=0; //to save value of cost after including cost of food(i.e, cost2.costoffood). Actual value gets deciced in the following switch statement

switch(food)

{

case 1:

{

costoffood=550\*foodqty;

cost3=cost2+costoffood;

break;

}

case 2:

{

costoffood=1200\*foodqty;

cost3=cost2+costoffood;

break;

}

case 3:

{

costoffood=1450\*foodqty;

cost3=cost2+costoffood;

break;

}

case 4:

{

costoffood=1000\*foodqty;

cost3=cost2+costoffood;

break;

}

case 5:

{

costoffood=850\*foodqty;

cost3=cost2+costoffood;

break;

}

case 6:

{

costoffood=1000\*foodqty;

cost3=cost2+costoffood;

break;

}

case 7:

{

costoffood=1350\*foodqty;

cost3=cost2+costoffood;

break;

}

default:{System.out.print("Wrong Choice");}

} // Switch ends

System.out.println("");

System.out.println("Thank You For Choosing Horizon's Services");

System.out.println("Date:"+date.get(Calendar.DATE)+"/"+(date.get(Calendar.MONTH)+1)+"/"+date.get(Calendar.YEAR));

System.out.println("Time:"+date.get(Calendar.HOUR)+":"+date.get(Calendar.MINUTE)+":"+date.get(Calendar.SECOND));

System.out.println("");

System.out.println("Your Details are as follows:");

System.out.println("---------------------------------------------------------------------------------------------------");

System.out.println("No. of Passengers | : " + y);

System.out.println("Cost of tickets | Rs.: " + cost1);

System.out.println("Discount for using food services| Rs.: " + Discount1);

System.out.println("New Price | Rs.: " + cost2);

System.out.println("Cost of food | Rs.: " + costoffood);

System.out.println("Total cost | Rs.: " + cost3);

System.out.println("---------------------------------------------------------------------------------------------------");

System.out.println("");

System.out.println("Please Choose Your Payment Method");

System.out.println("1.Credit Card OR");

System.out.println("2.Money Transfer (cash and cheque can only be accepted on counter and not here!)");

System.out.println("You get an additional Discount of 3.5% on Final Price on Paying via Credit Card.");

System.out.println("Enter 1 or 2");

int payment=input.nextInt();

if(payment==1)

{

System.out.println("Thanks for using Credit Card Method");

double Discount2=(3.5/100)\*cost3;

System.out.println("You get an additional discoint of Rs." + Discount2);

double finalcost=cost3-Discount2;

System.out.println("Your final Price will thus be Rs." + finalcost);

System.out.println("Please enter your credit card no.");

long ccno=input.nextLong();

System.out.println("Thanks, Rs." + finalcost + " will be charged from your credit card.(CC number: "+ ccno + ")") ;

}

else if(payment==2)

{

System.out.println("Please enter your acc. no.");

long accno=input.nextLong();

System.out.println("Our Bank A/C no. is 1754000123");

System.out.println("Thanks, you will have to transfer Rs." + cost3 + " from your acc. to ours. (" + accno + " ----> 1754000123)");

}

else

{System.out.println("Sorry, wrong choice");}

}

else

System.out.print("Sorry, Wrong Choice");

System.out.println("");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("We once again would like to thank you for using our services. We hope that you have a safe journey to your destination");

System.out.println(" and we hope that you come back safe");

System.out.println(" MADE BY: PARAS KHURANA & AFZAL MUKHTAR ");

System.out.println(" X D");

System.out.println(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

}