**BUS TICKET BOOKING**

**import** java.util.\*;

**public** **class** Busticket {

**public** **static** **void** main(String[] args) {

System.***out***.println("SAFE MOVERS happily welcomes you:)\nChoose an option\n 1.Already a user\n 2.Create new one\n");

Scanner obj=**new** Scanner(System.***in***);

**int** seatavail=50;

**int** option=obj.nextInt();

**if**(option==1)

{

System.***out***.print("Enter username:");

Scanner obj1=**new** Scanner(System.***in***);

String username=obj1.nextLine();

System.***out***.print("Enter password:");

String password=obj1.nextLine();

}

**else**

{

Scanner obj2=**new** Scanner(System.***in***);

System.***out***.print("First name:");

String fname=obj2.nextLine();

System.***out***.print("Last name:");

String lname=obj2.nextLine();

Scanner obj3=**new** Scanner(System.***in***);

System.***out***.print("Phone number:");

**long** Phno=obj3.nextLong();

System.***out***.print("Email id:");

String email=obj2.nextLine();

}

System.***out***.println("Choose the destination\n1.Karur to Chennai\n2.Karur to Coimbatore\n3.Karur to Trichy\n"

+"4.Karur to Salem");

**int** route=obj.nextInt();

**switch**(route)

{

**case** 1:

System.***out***.println("1.Bus name:PKP Travels\n Time:6.25 a.m\nReaching time:7(hrs)\nSeat Availability=50");

System.***out***.println("2.Bus name:SVM Travels\n Time:7.25 p.m\nReaching time:7(hrs)\nSeat Availability=50");

System.***out***.println("choose busno:");

**int** busno=obj.nextInt();

**if**(busno==1) {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj5=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj5.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj5.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**else** {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**break**;

**case** 2:

System.***out***.println("1.Bus name:PRT Travels\n Time:6.25 a.m\nReaching time:3(hrs)\nSeat Availability=50");

System.***out***.println("2.Bus name:JACK Travels\n Time:7.25 p.m\nReaching time:3(hrs)\nSeat Availability=50");

System.***out***.println("choose busno:");

**int** busno1=obj.nextInt();

**if**(busno1==1) {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**else** {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**break**;

**case** 3:

System.***out***.println("1.Bus name:MSB Travels\n Time:9.25 a.m\nReaching time:1.5(hrs)\nSeat Availability=50");

System.***out***.println("2.Bus name:RUBY Travels\n Time:7.25 p.m\nReaching time:1.5(hrs)\nSeat Availability=50");

System.***out***.println("choose busno:");

**int** busno2=obj.nextInt();

**if**(busno2==1) {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**else** {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**break**;

**case** 4:

System.***out***.println("1.Bus name:NPR Travels\n Time:6.25 a.m\nReaching time:3(hrs)\nSeat Availability=50");

System.***out***.println("2.Bus name:JACK Travels\n Time:8.25 p.m\nReaching time:3(hrs)\nSeat Availability=50");

System.***out***.println("choose busno:");

**int** busno3=obj.nextInt();

**if**(busno3==1) {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**else** {

System.***out***.print("Required Seats:");

**int** count=obj.nextInt();

seatavail=seatavail-count;

**if**(seatavail<count)

System.***out***.println("The seats are unavailable");

**else**

System.***out***.println("The seats are available");

**for**(**int** i=1;i<=count;i++)

{

Scanner obj4=**new** Scanner (System.***in***);

System.***out***.println("Name of the person:");

String name=obj4.nextLine();

System.***out***.println("Age:");

**int** age=obj.nextInt();

System.***out***.println("Gender:");

String gender=obj4.nextLine();

**if**(age<=10) {

System.***out***.println(name+"is booked for LOWER BERTH");

}

**else** **if** (age>10&&age<=50) {

System.***out***.println(name+"is booked for UPPER BERTH");

}

**else** {

System.***out***.println(name+"is booked for LOWER BERTH");

}

}

}

**break**;

}

System.***out***.println("THANKS FOR APPROACHING!!!");

}

}