

**Project  
On  
“Online Cab Booking System”  
(10<sup>th</sup> Project)**

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**Batch:2019**

# Acknowledgement

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**"A Teacher Is Like A Candle Which Consumes Itself To Give Light To Others!"**

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-**Sangram Wabale**



# INDEX

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Sr. No.	Topic	Pg.No.
1.	ACKNOWLEDGEMENT	1
2.	INTRODUCTION	4
3.	VARIABLE DESCRIPTION	6
4.	FUNCTION DESCRIPTION	8
5.	CODE	9
6.	OUTPUT	55
7.	LIMITATIONS	64

# INTRODUCTION

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Online Cab Booking System specializing in hiring cabs to customers. It is an online system through which customer can view available cabs; register the cabs ,view profile and book cabs. Cab booking service is a major transport service provided by the various transport operators in particular city. Mostly people use cab service for their daily transportation need. The company must be a registered and fulfills all the requirements and security standards set by the transport departments.

Online cab booking system is a web based platform that allows their customers to book their taxies and executive taxies all online from the comfort of their own home or office. The platform should offer an administration interface where the taxi company can manage the content and access all bookings and customer information. More and more taxi companies are looking for integrated taxi booking systems as it makes life much easier for the traveller - this is highly important and in today's internet age people should be able to book taxies online without having to pickup the phone and the taxi company – as their booking are managed via an automated system which means they have an electronic record of future and historic booking.

Online cab booking system is a system that can be used temporarily for a period of time with a fee. Hiring a car assists people to get around even when they do not have access to their own personal vehicle or do not own a vehicle at all . The individual hiring the car must present a valid identification card. Most companies throughout the industry make a profit based of the type of cars . The hiring cabs are categorised into economy, compact ,premium, compact premium ;and luxury and customers are free to choose any car of their choice based on their purse and availability of such cars at the time of reservation .

# VARIABLE DESCRIPTION

Sr. No.	Variable Name	Data type	Variable description
1.	name	String	To store the name of the user.
2.	ploc	String	To store the pickup location.
3.	dloc	String	To store the dropoff location.
4.	rdtype	String	To store the type of ride.
5.	car	String	To store the name of cab.
6.	category	String	To store the category of the cab.
7.	driver	String	To store the name of the driver.
8.	uname	String	To store the username.
9.	pswrd	String	To store the password.
10.	ss	String	To store the credit card number.
11.	vno	String	To store the vehicle number.

Sr. No.	Variable Name	Data type	Variable description
12.	pay	String	To store the payment option.
13.	ch	int	To store the choice of ride.
14.	ch1	int	To store the choice of cab category.
15.	ch2	int	To store the choice of cab.
16.	pin	int	To store the PIN number of the user.
17.	cvv	int	To store the CVV number of the user.
18.	dis	int	To store the estimated distance
19.	rate	int	To store the rate per km of the ride.
20.	age	int	To store the age of the driver.
21.	bsfare	int	To store the base fare of the ride.
22.	amt	double	To store the amount excluding taxes.
23.	tfare	double	To store the amount payable including taxes.
24.	dno	long	To store the phone number of the driver

# FUNCTION DESCRIPTION

---

Sr. No.	Function Name	Return type	Function description
1.	main	void	To call the functions.
2.	title	void	To display the title.
3.	accept	void	To accept the details like name, phone no. from the user
4.	ride	void	To accept the type from the user.
5.	dailyride	void	To display the type of cabs available for daily ride
6.	outstation	void	To display the type of cabs available for outstation.
7.	rental	void	To display the type of cabs available for rental.
8.	driver	void	To accept the age of driver.
9.	faredetails	void	To display the fare details
10.	payment	void	To accept the payment option from the user.
11.	bill	void	To display the bill.



```
//To book a cab using OLA CABS

importjava.util.*;
importjava.awt.*;
importjava.util.Calendar;

public class Project

{
    Scanner sc=new Scanner(System.in);

    Date d=new Date();

    String name,ploc,dloc,rdtype,car,category,driver,uname,pswrd,vno,pay,pno,ss;

    doubleamt,tfare;

    int ch,ch1,ch2,dis,rate,age,bsfare,pin,cvv;

    longdpno;

    char c;

    Project()

    {
        name="";
        ploc="";
        dloc="";
        rdtype="";
        car=" ";
    }
}
```

```
category="";  
driver="";  
uname="";  
pswrd="";  
vno="";  
pay="";  
ss="";  
amt=0.0;  
tfare=0.0;  
ch=0;  
ch1=0;  
ch2=0;  
dis=0;  
rate=0;  
age=0;  
bsfare=0;  
pin=0;  
cvv=0;  
pno="";  
dpno=0l;
```



```
public void accept()
{
    Scanner sc=new Scanner(System.in);
    System.out.println("~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-");
    System.out.println("                               DETAILS");
    System.out.println("~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-");
    System.out.println();
    System.out.print("Enter your Name: ");
    name=sc.nextLine();
    System.out.println();
    System.out.print("Enter your phone number: ");
    pno=sc.next();
    if(pno.length()!=10)
    {
        System.out.println("Wrong phone number! Please enter your phone number again");
        String pno1=sc.next();
        pno=pno1;
    }
    System.out.println();
    System.out.print("Enter User Name: ");
}
```

```
uname=sc.next();

System.out.println();

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

pswrd=sc.next();

System.out.println();

if(uname.equals(pswrd)==true)

{

    ride();

}

else

{

    System.out.println();

    System.out.println("Wrong user name or password!!Please enter again.");

    String uname=sc.next();

    String pswrd=sc.next();

    ride();

}

System.out.println();

}
```

```
public void ride()
{
    Scanner sc=new Scanner(System.in);
    System.out.println("~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-");
    System.out.println("          TYPES OF RIDES");
    System.out.println("~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-");
    System.out.println();
    System.out.println("We have three types of rides :-");
    System.out.println();
    System.out.println("1.Daily ride -if you want to ride within the city and distance is less than 40 km.");
    System.out.println("2.Outstation -if you want go outside the city and distance is more than 40 km.");
    System.out.println("3.Rental      -if you want roam within the city.");
    System.out.println();
    System.out.println("Enter your choice-(Wrong choice to exit)");
    ch=sc.nextInt();
    if(ch==0||ch>3)
    {
        System.out.println("Exiting...");
    }
}
```

```
System.exit(0);

}

System.out.println();

if(ch==1)

dailyride(ch);

else if(ch==2)

outstation(ch);

else if(ch==3)

rental(ch);

}

public void dailyride(int ch1)

{

Scanner sc=new Scanner(System.in);

switch(ch1)

{

case 1:

{

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

System.out.println("          DAILYRIDE");

```

```
System.out.println("~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-");  
  
System.out.println();  
  
rdtype="Daily Ride";  
  
System.out.println(">> The perfect way to get through your everyday travel needs.");  
  
System.out.println(">> City taxis are available 24/7 and you can book travel in an instant.");  
  
System.out.println(">> With rides starting from as low as Rs.6/km, you can choose from a wide range of option!");  
  
System.out.println();  
  
System.out.println("-----");  
  
System.out.println();  
  
System.out.print("Enter your pick-up location: ");  
  
ploc=sc.nextLine();  
  
System.out.println();  
  
System.out.print("Enter your drop-off location: ");  
  
dloc=sc.nextLine();  
  
System.out.println();  
  
System.out.print("Enter the estimated distance: ");
```

```
dis=sc.nextInt();

System.out.println();

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

System.out.println("Cab options:");

System.out.println("1.Micro      - Ideal for short distances");

System.out.println("2.Prime Sedan - Ideal for business travel,family outings");

System.out.println("3.Prime SUV   - Ideal for picnics");

System.out.println("4.Prime Play  - Ideal for long rides,family outings");

System.out.println();

System.out.print("Enter your choice-(Wrong choice to exit): ");

ch1=sc.nextInt();

System.out.println();

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

switch(ch1)

{

case 1:

{

category="Micro";

System.out.println("Micro");

System.out.println();
```

```
System.out.println("> Comfy AC hatchbacks at pocket friendly rates");

System.out.println("> A regular car that becomes your everyday ride");

System.out.println();

System.out.println("No. of seats:4");

System.out.println("Base fare: Rs.45");

System.out.println("Rate: Rs.6/km");

System.out.println();

rate=6;

bsfare=45;

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

System.out.println("-Small,comfortable car that can seat up to 4 passengers");

System.out.println("-Can carry upto 2 pieces of luggage");

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

System.out.println("-Ride within your budget.Economical everyday ride");

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

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Datsun Go");

System.out.println("2.Hyundai Eon");

System.out.println("3.Suzuki Alto");
```

```
System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Datsun go";

else if(ch2==2)

car="Hyundai Eon";

else if(ch2==3)

car="Suzuki Alto";

else

{

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

System.exit(0);

}

System.out.println();

break;

}

case 2:

{
```

```
category="Prime sedan";  
  
System.out.println("Prime sedan");  
  
System.out.println();  
  
System.out.println("> Top-rated sedans with free Wi-fi");  
  
System.out.println("> Add comfort of a high-rated sedan to your daily commute");  
  
System.out.println("> Enjoy extra legroom and ample boot space");  
  
System.out.println();  
  
System.out.println("No. of seats:4");  
  
System.out.println("Base fare:Rs.52");  
  
System.out.println("Rate: Rs.9/km");  
  
rate=9;  
  
bsfare=52;  
  
System.out.println();  
  
System.out.println("Features:");  
  
System.out.println("-Sit back and unwind with extra legroom");  
  
System.out.println("-Top quality car drive by 4+ rated drivers");  
  
System.out.println("-Free Wi-Fi");  
  
System.out.println("-Onboard GPS");  
  
System.out.println("-AC available");  
  
System.out.println("-Can carry more luggage");
```

```
System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Nissan Sunny");

System.out.println("2.Suzuki Dzire");

System.out.println("3.Toyota Etios");

System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

    ch2=sc.nextInt();

if(ch2==1)

car="Nissan Sunny";

else if(ch2==2)

car="Suzuki Dzire";

else if(ch2==3)

car="Toyota Etios";

else

{

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

System.exit(0);

}

System.out.println();
```

```
break;  
}  
  
case 3:  
{  
category="Prime SUV";  
System.out.println("Prime SUV");  
System.out.println();  
System.out.println("> Spacious SUV's with more seats and free Wi-Fi");  
System.out.println("> Supersized rides");  
System.out.println("> Enjoy extra legroom and ample boot space for everyone");  
System.out.println();  
System.out.println("No. of seats:6");  
System.out.println("Base fare:Rs.80");  
System.out.println("Rate: Rs.14/km");  
rate=14;  
bsfare=80;  
System.out.println();  
System.out.println("Features:");  
System.out.println("-More seats for entire group of family or friends");
```

```
System.out.println("-Top quality car drive by 4+ rated drivers");

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

System.out.println("-Free Wi-Fi");

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

System.out.println("Can carry more luggage");

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Toyota Innova");

System.out.println("2.Maruti Ertiga");

System.out.println("3.Mahindra Marrazo");

System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

    ch2=sc.nextInt();

if(ch2==1)

car="Toyota Innova";

else if(ch2==2)

car="MarutiErtiga";

else if(ch2==3)

car="MahinderaMarrazo";

else
```

```
{  
System.out.println("Exiting...");  
  
System.exit(0);  
  
}  
  
System.out.println();  
  
break;  
  
}  
  
  
  
case 4:  
  
{  
  
category="Prime Play";  
  
System.out.println("Prime Play");  
  
System.out.println();  
  
System.out.println("> High rated Prime sedans with in-cab entertainment.");  
  
System.out.println("> Enjoy movies,music,Tv shows ,radio and more ont go");  
  
System.out.println();  
  
System.out.println("No. of seats:4");  
  
System.out.println("Base fare:Rs.55");  
  
System.out.println("Rate: Rs.9/km");  
  
rate=9;
```

```
bsfare=55;

System.out.println();

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

System.out.println("-Play movies,music, tv shows and more in HD and surround sound");

System.out.println("-Play from our library of Apple music,Eros nom and more");

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

System.out.println("-Free Wi-Fi");

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

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Suzuki Ciaz");

System.out.println("2.Toyota Yaris");

System.out.println("3.Honda City");

System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Suzuki Ciaz";

else if(ch2==2)
```

```
car="Toyota Yaris";  
  
else if(ch2==3)  
  
car="Honda City";  
  
else if(ch2>=4)  
  
{  
  
System.out.println("Exiting...");  
  
System.exit(0);  
  
}  
  
System.out.println();  
  
break;  
  
}  
  
default:  
  
{  
  
System.out.println("Exiting...");  
  
System.exit(0);  
  
}  
  
}  
  
}  
  
driver();  
  
}
```

```
}

public void outstation(int ch1)

{

    Scanner sc=new Scanner(System.in);

switch(ch1)

{



case 2:

{



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

System.out.println("                                OUTSTATION");

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

System.out.println();

System.out.println(">> Ride out of town at affordable one way and round trip fares with our intercity travel service.");

System.out.println(">> Choose from a range of A/C cabs driven by top partners.");

System.out.println(">> Fares starting at just Rs.10/km.");

System.out.println(">> Safe and comfortable rides.");

System.out.println();

rdtype="Outstation";
```

```
System.out.println("-----");  
  
System.out.println();  
  
System.out.print("Enter your pick-up location: ");  
  
ploc=sc.nextLine();  
  
System.out.println();  
  
  
  
System.out.print("Enter your drop-off location: ");  
  
dloc=sc.nextLine();  
  
System.out.println();  
  
  
  
System.out.print("Enter the estimated distance: ");  
  
dis=sc.nextInt();  
  
System.out.println("-----");  
  
System.out.println();  
  
  
  
System.out.println("Cab options:");  
  
System.out.println("1.Prime Play - Ideal for long rides,family outings");  
  
System.out.println("2.Prime SUV - Ideal for picnics");  
  
System.out.println("3.Prime Executive - Ideal for wedding occasions,business travel");
```

```
System.out.println();

System.out.print("Enter your choice-(Wrong choice to exit): ");

ch1=sc.nextInt();

System.out.println();

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

switch(ch1)

{

case 1:

{

category="Prime Play";

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

System.out.println();

System.out.println("> High rated Prime sedans with in-cab entertainment.");

System.out.println("> Enjoy movies,music,Tv shows ,radio and more ont go");

System.out.println();

System.out.println("No. of seats:4");

System.out.println("Base fare:Rs.55");

System.out.println("Rate: Rs.9/km");

rate=9;
```

```
bsfare=55;

System.out.println();

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

System.out.println("-Play movies,music, tv shows and more in HD and surround sound");

System.out.println("-Play from our library of Apple music,Eros nom and more");

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

System.out.println("-Free Wi-Fi");

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

System.out.println();

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Suzuki Ciaz");

System.out.println("2.Toyota Yaris");

System.out.println("3.Honda City");

System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Suzuki Ciaz";
```

```
else if(ch2==2)
    car="Toyota Yaris";
else if(ch2==3)
    car="Honda City";
else
{
    System.out.println("Exiting...");  

    System.exit(0);
}
System.out.println();
break;
}

case 2:
{
    category="Prime SUV";
    System.out.println("Prime SUV");
    System.out.println();
    System.out.println("> Spacious SUV's with more seats and free Wi-Fi");
    System.out.println("> Supersized rides");
```

```
System.out.println("> Enjoy extra legroom and ample boot space for everyone");

System.out.println();

System.out.println("No. of seats:6");

System.out.println("Base fare:Rs.80");

System.out.println("Rate: Rs.14/km");

rate=14;

bsfare=80;

System.out.println();

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

System.out.println("-More seats for entire group of family or friends");

System.out.println("-Top quality car drive by 4+ rated drivers");

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

System.out.println("-Free Wi-Fi");

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

System.out.println("Can carry more luggage");

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Toyota Innova");

System.out.println("2.Maruti Ertiga");

System.out.println("3.Mahindra Marazzo");
```

```
System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Toyota Innova";

else if(ch2==2)

car="MarutiErtiga";

else if(ch2==3)

car="MahindraMarazzo";

else

{

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

System.exit(0);

}

System.out.println();

break;

}

case 3:

{



category="Prime Executive";
```

```
System.out.println("Prime Executive");

System.out.println();

System.out.println("> Travel business class in premium cabs");

System.out.println("> Upmarket interiors and personal chauffeurs");

System.out.println();

System.out.println("No of seats:4");

System.out.println("Rate: Rs.12/km");

rate=12;

System.out.println();

System.out.println("Features");

System.out.println("-Experience business class treatment in your ride");

System.out.println("-Top quality cars drive by 4+ rated drivers");

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

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

System.out.println("-Free Wi-fi");

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Mahindra XUV 500");

System.out.println("2.Chevrolet Cruze");

System.out.println("3.Toyota Corolla Altis");
```

```
System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Mahindra XUV 500";

else if(ch2==2)

car="ChevorletCruze";

else if(ch2==3)

car="Toyota Corolla Altis";

else

{

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

System.exit(0);

}

System.out.println();

break;

}

default:

{

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

```
System.exit(0);

}

}

System.out.println();

driver();

}

}

public void rental(int ch1)

{

Scanner sc=new Scanner(System.in);

switch(ch1)

{

case 3:

{

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

System.out.println("          RENTAL");

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

System.out.println();
```

```
rdtype="Rental";  
  
System.out.println(">> With Ola Rentals you get a cab at your disposal.");  
  
System.out.println(">> So it be a shopping trip with your friends or just a day out in a  
new city ,we have you covered");  
  
System.out.println(">> Package starts at 1 hour and can be extended upto 4 hours!");  
  
System.out.println();  
  
System.out.println("-----");  
  
System.out.print("Enter your pick-up location: ");  
  
ploc=sc.nextLine();  
  
System.out.println("-----");  
  
System.out.println("Select a package:");  
  
System.out.println("1.1hr 10km");  
  
System.out.println("2.2hr 25km");  
  
System.out.println("3.4hr 40km");  
  
System.out.println();  
  
System.out.print("Enter your choice(Wrong choice to exit): ");  
  
int cho1=sc.nextInt();  
  
System.out.println("-----");  
  
System.out.println();  
  
System.out.println("Cab options:");
```

```
System.out.println("1.Prime Sedan - Ideal for business travel,family outings");

System.out.println("2.Prime SUV - Ideal for picnics");

System.out.println();

System.out.println("Enter your choice-(Wrong choice to exit)");

ch1=sc.nextInt();

System.out.println();

switch(ch1)

{

case 1:

{

category="Prime Sedan";

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

System.out.println();

System.out.println("> Top-rated sedans with free Wi-fi");

System.out.println("> Add comfort of a high-rated sedan to your daily commute");

System.out.println("> Enjoy extra legroom and ample boot space");

System.out.println();

System.out.println("No. of seats:4");

if(cho1==1)
```

```
bsfare=250;  
  
else if(cho1==2)  
  
bsfare=450;  
  
else  
  
bsfare=800;  
  
System.out.println("Base fare:Rs."+bsfare);  
  
System.out.println("Rate: Rs.14/km");  
  
rate=14;  
  
System.out.println();  
  
System.out.println("Features:");  
  
System.out.println("-Sit back and unwind with extra legroom");  
  
System.out.println("-Top quality car drive by 4+ rated drivers");  
  
System.out.println("-Free Wi-Fi");  
  
System.out.println("-Onboard GPS");  
  
System.out.println("-AC available");  
  
System.out.println("-Can carry more luggage");  
  
System.out.println();  
  
System.out.println("Vehicle Types:");  
  
System.out.println("1.Nissan Sunny");  
  
System.out.println("2.Suzuki Dzire");
```

```
System.out.println("3.Toyota Etios");

System.out.println();

System.out.print("Enter your choice-(Wrong choice to exit): ");

ch2=sc.nextInt();

if(ch2==1)

car="Nissan Sunny";

else if(ch2==2)

car="Suzuki Dzire";

else if(ch2==3)

car="Toyota Etios";

else

{

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

System.exit(0);

}

System.out.println();

break;

}

case 2:

{
```

```
category="Prime SUV";  
  
System.out.println("Prime SUV");  
  
System.out.println();  
  
System.out.println("No. of seats:6");  
  
if(cho1==1)  
  
bsfare=399;  
  
else if(cho1==2)  
  
bsfare=730;  
  
else  
  
bsfare=1100;  
  
System.out.println("Base fare: Rs."+bsfare);  
  
System.out.println("Additional Fare: Rs.14/km");  
  
rate=14;  
  
System.out.println();  
  
System.out.println("Features:");  
  
System.out.println("-More seats for entire group of family or friends");  
  
System.out.println("-Top quality car drive by 4+ rated drivers");  
  
System.out.println("-Onboard GPS");  
  
System.out.println("-Free Wi-Fi");  
  
System.out.println("-AC available");
```

```
System.out.println("Can carry more luggage");

System.out.println();

System.out.println("Vehicle Types:");

System.out.println("1.Toyota Innova");

System.out.println("2.Maruti Ertiga");

System.out.println("3.Mahindra Marrazo");

System.out.println();

System.out.print("Enter your choice -(Wrong choice to exit): ");

    ch2=sc.nextInt();

if(ch2==1)

car="Toyota Innova";

else if(ch2==2)

car="MarutiErtiga";

else if(ch2==3)

car="MahinderaMarrazo";

else

    {

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

System.exit(0);

    }
```

```
System.out.println();

break;

}

default:

{

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

System.exit(0);

}

}

}

driver();

}

}

public void driver()

{

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

System.out.println();

System.out.print("Which age driver do you want?(18-45): ");
```

```
age=sc.nextInt();

if(age>18&&age<=25)

{

driver="Mahesh Atole";

vno="MH 42 V 9697";

dpno=9823097280l;

}

else if(age>25&&age<=35)

{

driver="Ramesh Pawar";

vno="MH 14 V 8693";

dpno=9829057683l;

}

else if(age>35&&age<=45)

{

driver="PopatraoKulkarni";

vno="MH 12 V 4955";

dpno=9748561209l;

}

faredetails();
```

```
}

public void faredetails()

{

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

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

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

System.out.println();

if(ch==1)

{

System.out.println("Base Fare: Rs." +bsfare);

System.out.println();

System.out.println("Rate: Rs." +rate);

amt=bsfare+((dis-15)*rate);

System.out.println();

System.out.println("Your Trip: Rs." +amt);

tfare=amt+12;

System.out.println();

System.out.println("Total Fare(includes Rs.12 taxes): "+tfare);
```

```
    }

if(ch==2)

{
    System.out.println("Rate per km: Rs."+rate);

amt=(dis*rate);

System.out.println();

System.out.println("Your Trip: Rs."+amt);

tfare=amt+321;

System.out.println();

System.out.println("Total Fare(includes Rs.321 taxes): "+tfare);

}

if(ch==3)

{
    System.out.println("Base Fare: Rs."+bsfare);

System.out.println();

System.out.println("Additional km fare: Rs."+rate);

System.out.println();

amt=bsfare;
```

```
System.out.println("Your Trip: Rs."+amt);

System.out.println();

tfare=amt+12;

System.out.println("Total Fare(includes Rs.12 taxes): "+tfare);

}

System.out.println();

System.out.println("Do you want Insurance Premium ?(Y/N)");

charip=sc.next().charAt(0);

if(ip=='Y')

{

tfare=tfare+1.0;

}

else

{

tfare=tfare;

}

System.out.println();

System.out.println("Total amount to be paid: Rs."+tfare);

System.out.println();
```

```
System.out.println("Do you want to continue?(Y/N)");

charcn=sc.next().charAt(0);

if(cn=='Y')

{

payment();

}

else

{

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

System.exit(0);

}

System.out.println();

}

public void payment()

{

Scanner sc=new Scanner(System.in);

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

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

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

```
System.out.println();

System.out.println("Payment Methods:");

System.out.println();

System.out.println("1.Cash on Delivery");

System.out.println("2.Credit Card");

System.out.println();

System.out.print("Enter Payment Method:");

intcho=sc.nextInt();

System.out.println();

if(cho==1)

{

pay="Cash on Delivery";

try

{

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

System.out.println();

Thread.sleep(1000);

}

catch(InterruptedException e)

{
```

```
e.printStackTrace();

}

System.out.println("Processing Done!!");

System.out.println();

bill();

}

else if(cho==2)//To make purchase by through card

{

pay="Credit Card";

System.out.print("Enter Credit Card number(16 digits): ");

ss=sc.next();

System.out.println();

if(ss.length()!=16)

{

System.out.println("Wrong Credit Card Number!Enter the Credit Card number again!");

String ss1=sc.next();

ss=ss1;

System.out.println();

}
```

```
System.out.print("Enter PIN number(4 digits): ");

pin=sc.nextInt();

System.out.println();

if(pin/1000<1||pin/1000>=10)

{

System.out.println("Wrong Credit Card Number!Enter the Credit Card number
again!");

int pin1=sc.nextInt();

pin=pin1;

System.out.println();

}

System.out.print("Enter CVV number(3 digits): ");

cvv=sc.nextInt();

System.out.println();

if(cvv/100<1||cvv/100>=10)//Checking the Credit Card Number

{

System.out.println("Wrong CVV number!Enter the CVV number again");

int cvv1=sc.nextInt();

cvv=cvv1;

System.out.println();
```

```
    }

System.out.print("Enter your address");

    String add=sc.next();

System.out.println();

bill();

}

}

public void bill()

{

Toolkit.getDefaultToolkit().beep();

    Calendar c=Calendar.getInstance();

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

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

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

System.out.println();

System.out.println("Date:

"+c.get(Calendar.DATE)+"/"+(c.get(Calendar.MONTH)+1)+"/"+c.get(Calendar.YE
AR));

System.out.println("Name: "+name);
```

```
System.out.println("Phone Number: "+pno);

System.out.println("Pickup Location: "+ploc);

System.out.println("Dropoff Location: "+dloc);

System.out.println("Ride Type: "+rdtype);

System.out.println("Vehicle: "+car);

System.out.println("Vehicle No.: "+vno);

System.out.println("Driver: "+driver);

System.out.println("Driver Phone Number : "+dpno);

System.out.println("Total fare to be paid : Rs."+tfare);

System.out.println("Payment Option: "+pay);

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

System.out.println();

System.out.println();

System.out.println();

System.out.println("~~~~~THANK YOU FOR BOOKING WITH US!! ~~~~");

System.out.println();

System.out.println("~~~~~ PLEASE VISIT AGAIN!!! ~~~~~");
```



\*\*\*\*\*#

-----  
\*\*\*\*\*WELCOME TO OLA CABS\*\*\*\*\*  
-----

\*\*\*\*\*#

-----  
DETAILS  
-----

Enter your Name: Omkar More

Enter your phone number: 9823034389

Enter User Name: SampleUser

Enter your password: SAmpleUser

Wrong user name or password!!Please enter again.

SampleUser

SampleUser

## TYPES OF RIDES

We have three types of rides :-

- 1.Daily ride -if you want to ride within the city and distance is less than 40 km.
- 2.Outstation -if you want go outside the city and distance is more than 40 km.
- 3.Rental -if you want roam within the city.

Enter your choice-(Wrong choice to exit)

2

## OUTSTATION

>> Ride out of town at affordable one way and round trip fares with our intercity travel service.

>> Choose from a range of A/C cabs driven by top partners.

>> Fares starting at just Rs.10/km.

>> Safe and comfortable rides.

Enter your pick-up location: Baramati

Enter your drop-off location: Pune

Enter the estimated distance: 100

Cab options:

- 1.Prime Play - Ideal for long rides,family outings
- 2.Prime SUV - Ideal for picnics
- 3.Prime Executive - Ideal for wedding occasions,business travel

Enter your choice-(Wrong choice to exit): 2

Prime SUV

- > Spacious SUV's with more seats and free Wi-Fi
- > Supersized rides
- > Enjoy extra legroom and ample boot space for everyone

No. of seats:6

Base fare:Rs.80

Rate: Rs.14/km

Features:

- More seats for entire group of family or friends
- Top quality car drive by 4+ rated drivers
- Onboard GPS
- Free Wi-Fi
- AC available
- Can carry more luggage

Vehicle Types:

- 1.Toyota Innova
- 2.Maruti Ertiga
- 3.Mahindra Marazzo

Enter your choice -(Wrong choice to exit): 3

Enter the date at which you want the cab(dd/mm/yy)

27/11/2018

Enter the time at which you want the cab(hh:mm:ss)

10:00:00

Which age driver do you want?(18-45): 25

---

#### FARE DETAILS

---

Rate per km: Rs.14

Your Trip: Rs.1400.0

Total Fare(includes Rs.321 taxes): 1721.0

Do you want Insurance Premium ?(Y/N)

Y

Total amount to be paid: Rs.1722.0

Do you want to continue for payment?(Y/N)

Y

## PAYMENT METHODS

Payment Methods:

1.Cash on Delivery

2.Credit Card

Enter Payment Method:2

Enter Credit Card number(16 digits): 3055409832172367

Enter PIN number(4 digits): 5612

Enter CVV number(3 digits): 12

Wrong CVV number!Enter the CVV number again

306

Congratulations!!! You have received a discount of 10% for payment with credit card

Enter your address C-2, Shefali garden, behind Samyak Lifestyle, Bhigwan Road, Baramati.

---

**BILL**

---

Name : Omkar More

Phone Number : 9823034389

Pickup Location : Baramati

Dropoff Location: Pune

Ride Type : Outstation

Vehicle : Mahindra Marazzo

Vehicle No. : MH 42 V 9697

Your pickup date : 27/11/2018

Your pickup time : 10:00:00

Driver : Mahesh Atole

Driver Phone Number : 9823097280

Total fare : Rs.1722.0

Payment Option : Credit Card

Date : 25/11/2018

Time : 6:15:40

~~~~~THANK YOU FOR BOOKING WITH US!!!~~~~~

~~~~~PLEASE VISIT AGAIN!!!~~~~~

# LIMITATIONS

---

Though the project might look perfect , yet there are many limitations of the project which are explained below :

- ✖ The user cannot see the image of car.
- ✖ The user name and password need to be same to start the execution.
- ✖ The project cannot calculate the distance between two places.
- ✖ The user cannot see the cab option after choosing one.
- ✖ The program cannot calculate the additional fare if the user uses the cab beyond the estimated distance.
- ✖ The project is lengthy , contains many sections but less cabs are provided.