Note:

- The assignment is designed to practice constructor, getter/setter and toString method.
- Create a separate project for each question and create separate file for each class.
- Try to test the functionality by using menu-driven program.

1. Loan Amortization Calculator

Implement a system to calculate and display the monthly payments for a mortgage loan. The system should:

- 1. Accept the principal amount (loan amount), annual interest rate, and loan term (in years) from the user.
- 2. Calculate the monthly payment using the standard mortgage formula:
 - **o** Monthly Payment Calculation:
 - monthlyPayment = principal * (monthlyInterestRate * (1 +
 monthlyInterestRate)^(numberOfMonths)) / ((1 +
 monthlyInterestRate)^(numberOfMonths) 1)
 - Where monthlyInterestRate = annualInterestRate / 12 / 100 and numberOfMonths = loanTerm * 12
 - Note: Here ^ means power and to find it you can use Math.pow()
 method
- 3. Display the monthly payment and the total amount paid over the life of the loan, in Indian Rupees (₹).

Define the class LoanAmortizationCalculator with fields, an appropriate constructor, getter and setter methods, a toString method and business logic methods. Define the class LoanAmortizationCalculatorUtil with methods acceptRecord, printRecord, and menuList. Define the class Program with a main method and test the functionality of the utility class.

```
package in.Cdac.LoanAmortizationCalculator;
import java.util.Scanner;

class LoanAmortizationCalculator {
    private double principal;
    private double annualInterestRate;
    private int loanTerm;

    public LoanAmortizationCalculator(double principal, double annualInterestRate, int loanTerm) {
        this.principal = principal;
        this.annualInterestRate = annualInterestRate;
        this.loanTerm = loanTerm;
    }

    public LoanAmortizationCalculator() {
            // TODO Auto-generated constructor stub
    }
}
```

```
public double getPrincipal() {
           return principal;
     public void setPrincipal(double principal) {
           this.principal = principal;
     public double getAnnualInterestRate() {
           return annualInterestRate;
     public void setAnnualInterestRate(double annualInterestRate) {
           this.annualInterestRate = annualInterestRate;
     public int getLoanTerm() {
          return loanTerm;
      }
     public void setLoanTerm(int loanTerm) {
           this.loanTerm = loanTerm;
     public double calculateMonthlyPayment()
           double monthlyInterestRate = (annualInterestRate / 100) /
12:
           int numberOfMonths = loanTerm * 12;
           return principal * (monthlyInterestRate * Math.pow(1 +
monthlyInterestRate, numberOfMonths))
                      / (Math.pow(1 + monthlyInterestRate,
numberOfMonths) - 1);
     public double calculateTotalPayment() {
           return calculateMonthlyPayment() * loanTerm * 12;
     public String toString() {
           return "LoanAmortizationCalculator [principal=" + principal
+ "\n annualInterestRate=" + annualInterestRate
                       + "\n loanTerm=" + loanTerm + "\n
getPrincipal()=" + getPrincipal() + "\n getAnnualInterestRate()="
                      + getAnnualInterestRate() + "\n getLoanTerm()="
+ getLoanTerm() + "\n calculateMonthlyPayment()="
                      + calculateMonthlyPayment() + "\n
calculateTotalPayment()=" + calculateTotalPayment() + "]";
}
class LoanAmortizationCalculatorUtil {
     private LoanAmortizationCalculator loan;
     public LoanAmortizationCalculatorUtil() {
           this.loan = new LoanAmortizationCalculator();
```

```
private static Scanner sc = new Scanner(System.in);
     public void acceptRecord() {
           Scanner scanner = new Scanner(System.in);
           System.out.print("Enter Principal Amount (Rs.): ");
           double principal = scanner.nextDouble();
           System.out.print("Enter Annual Interest Rate (%): ");
           double annualInterestRate = scanner.nextDouble();
           System.out.print("Enter Loan Term (years): ");
           int loanTerm = scanner.nextInt();
           loan = new LoanAmortizationCalculator(principal,
annualInterestRate, loanTerm);
     public void printRecord() {
           System.out.println(loan.toString());
     public static int menuList() {
           System.out.println("0.Exit");
           System.out.println("1.Accept Record");
           System.out.println("2.Print Record");
           System.out.print("Enter choice
           return sc.nextInt();
     public static void releaseResource()
           sc.close();
public class Program {
     public static void main(String[] args) {
           int choice;
           LoanAmortizationCalculatorUtil util = new
LoanAmortizationCalculatorUtil();
           while ((choice = LoanAmortizationCalculatorUtil.menuList())
! = 0) {
                 switch (choice) {
                 case 1:
                       util.acceptRecord();
                       break;
                 case 2:
                       util.printRecord();
                       break;
           LoanAmortizationCalculatorUtil.releaseResource();
```

```
<terminated> Program [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (10-Sep-2024, 12:18:14 pm – 12:18:44 pm) [pid: 13236]
0.Exit
1.Accept Record
2.Print Record
Enter choice
                          1
Enter Principal Amount (Rs.): 10000
Enter Annual Interest Rate (%): 0.5
Enter Loan Term (years): 4
0.Exit
1.Accept Record
2.Print Record
Enter choice
LoanAmortizationCalculator [principal=10000.0
 annualInterestRate=0.5
 loanTerm=4
getPrincipal()=10000.0
getAnnualInterestRate()=0.5
getLoanTerm()=4
calculateMonthlyPayment() = 210.46700938277783
calculateTotalPayment()=10102.416450373335]
0.Exit
1.Accept Record
2.Print Record
Enter choice
                          0
```

2. Compound Interest Calculator for Investment

Develop a system to compute the future value of an investment with compound interest. The system should:

- 1. Accept the initial investment amount, annual interest rate, number of times the interest is compounded per year, and investment duration (in years) from the user.
- 2. Calculate the future value of the investment using the formula:
 - Future Value Calculation:
 - futureValue = principal * (1 + annualInterestRate /
 numberOfCompounds)^(numberOfCompounds * years)
 - o Total Interest Earned: totalInterest = futureValue principal
- 3. Display the future value and the total interest earned, in Indian Rupees (T) .

Define the class CompoundInterestCalculator with fields, an appropriate constructor, getter and setter methods, a toString method and business logic methods. Define the class CompoundInterestCalculatorUtil with methods acceptRecord, printRecord, and menuList. Define the class Program with a main method to test the functionality of the utility class.

```
package in.Cdac.CompoundInterestCalculatorforInvestment;
import java.util.Scanner;
```

```
class CompoundInterestCalculator {
     private double principal;
     private double annualInterestRate;
     private int numberOfCompounds;
     private int years;
     public CompoundInterestCalculator(double principal, double
annualInterestRate, int numberOfCompounds, int years) {
           this.principal = principal;
           this.annualInterestRate = annualInterestRate;
           this.numberOfCompounds = numberOfCompounds;
           this.years = years;
     public CompoundInterestCalculator() {
          // TODO Auto-generated constructor stub
     public double getPrincipal() {
           return principal;
     public void setPrincipal(double principal)
           this.principal = principal;
     public double getAnnualInterestRate()
          return annualInterestRate;
     public void setAnnualInterestRate(double annualInterestRate) {
          this.annualInterestRate = annualInterestRate;
     public int getNumberOfCompounds() {
           return numberOfCompounds;
      }
     public void setNumberOfCompounds(int numberOfCompounds) {
           this.numberOfCompounds = numberOfCompounds;
     public int getYears() {
           return years;
     public void setYears(int years) {
         this.years = years;
     public double calculateFutureValue() {
           return principal * Math.pow(1 + (annualInterestRate / 100) /
numberOfCompounds, numberOfCompounds * years);
     public double calculateTotalInterest() {
           return calculateFutureValue() - principal;
```

```
}
     public String toString() {
           return "CompoundInterestCalculator [\nprincipal=" +
principal + "\n annualInterestRate=" + annualInterestRate
                       + "\n numberOfCompounds=" + numberOfCompounds +
"\n years=" + years + "\n getPrincipal()=" + getPrincipal()
                       + "\n getAnnualInterestRate()=" +
getAnnualInterestRate() + "\n getNumberOfCompounds()="
                       + getNumberOfCompounds() + "\n getYears()=" +
getYears() + "\n calculateFutureValue()="
                       + calculateFutureValue() + "\n
calculateTotalInterest() = " + calculateTotalInterest() + "\n]";
}
class CompoundInterestCalculatorUtil {
     private CompoundInterestCalculator investment;
     public CompoundInterestCalculatorUtil() {
           this.investment = new CompoundInterestCalculator();
     private static Scanner sc = new Scanner(System.in);
     public void acceptRecord() {
           Scanner scanner = new Scanner(System.in);
           System.out.print("Enter Initial Investment Amount (Rs.): ");
           double principal = scanner.nextDouble();
           System.out.print("Enter Annual Interest Rate (%): ");
           double annualInterestRate = scanner.nextDouble();
           System.out.print("Enter Number of Compounds Per Year: ");
           int numberOfCompounds = scanner.nextInt();
           System.out.print("Enter Investment Duration (years): ");
           int years = scanner.nextInt();
           investment = new CompoundInterestCalculator(principal,
annualInterestRate, numberOfCompounds, years);
     public void printRecord() {
           System.out.println(investment.toString());
     public static int menuList() {
           System.out.println("0.Exit");
           System.out.println("1.Accept Record");
           System.out.println("2.Print Record");
           System.out.print("Enter choice :
           return sc.nextInt();
      }
     public static void releaseResource() {
           sc.close();
}
public class Program {
```

```
public static void main(String[] args) {
            int choice;
           CompoundInterestCalculatorUtil util = new
CompoundInterestCalculatorUtil();
           while ((choice = CompoundInterestCalculatorUtil.menuList())
! = 0) {
                 switch (choice) {
                 case 1:
                       util.acceptRecord();
                       break;
                 case 2:
                       util.printRecord();
                       break;
                  }
            CompoundInterestCalculatorUtil.releaseResource();
}
```

```
terminated> Program (1) [Java Application] C\Program Files\Java\jdk-18.0.2\bin\javaw.exe (10-Sep-2024, 12:34:50 pm - 12:35:37 pm) [pid: 11652]
0.Exit
 1.Accept Record
2. Print Record
Enter choice : 1
Enter Initial Investment Amount (Rs.): 10000
Enter Annual Interest Rate (%): 0.5
Enter Number of Compounds Per Year: 12
Enter Investment Duration (years): 4
0.Exit
1.Accept Record
2.Print Record
Enter choice
CompoundInterestCalculator [ principal=10000.0
 annualInterestRate=0.5
 numberOfCompounds=12
 years=4
 getPrincipal()=10000.0
 getAnnualInterestRate()=0.5
 getNumberOfCompounds()=12
getYears()=4
 calculateFutureValue()=10201.970903771129
 calculateTotalInterest()=201.9709037711291
0.Exit
1.Accept Record
2.Print Record
Enter choice
```

3. BMI (Body Mass Index) Tracker

Create a system to calculate and classify Body Mass Index (BMI). The system should:

- 1. Accept weight (in kilograms) and height (in meters) from the user.
- 2. Calculate the BMI using the formula:

```
o BMI Calculation: BMI = weight / (height * height)
```

- 3. Classify the BMI into one of the following categories:
 - o Underweight: BMI < 18.5
 - Normal weight: $18.5 \le BMI < 24.9$
 - Overweight: $25 \le BMI < 29.9$

- \circ Obese: BMI ≥ 30
- 4. Display the BMI value and its classification.

Define the class BMITracker with fields, an appropriate constructor, getter and setter methods, a toString method, and business logic methods. Define the class BMITrackerUtil with methods acceptRecord, printRecord, and menuList. Define the class Program with a main method to test the functionality of the utility class.

```
package in.Cdac.BMITracker;
import java.util.Scanner;
class BMITracker {
     private double weight;
     private double height;
     public BMITracker(double weight, double height) {
           this.weight = weight;
           this.height = height;
     public double getWeight() {
           return weight;
      }
     public void setWeight(double weight) {
           this.weight = weight;
      }
     public double getHeight() {
           return height;
     public void setHeight(double height) {
            this.height = height;
     public double calculateBMI() {
           return weight / (height * height);
     public String classifyBMI() {
           double bmi = calculateBMI();
           if (bmi < 18.5) {
                 return "Underweight";
            } else if (bmi >= 18.5 && bmi < 24.9) {</pre>
                 return "Normal weight";
            } else if (bmi >= 25 && bmi < 29.9) {
                 return "Overweight";
            } else {
                 return "Obese";
            }
```

```
}
     public String toString() {
           return "BMITracker [\nweight=" + weight + "\n height=" +
height + "\n getWeight() =" + getWeight()
                       + "\n getHeight()=" + getHeight() + "\n
calculateBMI()=" + calculateBMI() + "\n classifyBMI()="
                       + classifyBMI() + "\n]";
}
class BMITrackerUtil {
     private BMITracker bmiTracker;
     private static Scanner sc = new Scanner(System.in);
     public void acceptRecord() {
           Scanner scanner = new Scanner(System.in); •
           System.out.print("Enter Weight (in kilograms): ");
           double weight = scanner.nextDouble();
           System.out.print("Enter Height (in meters): ");
           double height = scanner.nextDouble();
           bmiTracker = new BMITracker(weight, height);
     public void printRecord() {
           System.out.println(bmiTracker.toString());
     public static int menuList()
           System.out.println("0.Exit");
           System.out.println("1.Accept Record");
           System.out.println("2.Print Record");
           System.out.print("Enter choice
           return sc.nextInt();
      }
     public static void releaseResource() {
           sc.close();
}
public class Program {
     public static void main(String[] args) {
           int choice;
           BMITrackerUtil util = new BMITrackerUtil();
           while ((choice = BMITrackerUtil.menuList()) != 0) {
                 switch (choice) {
                 case 1:
                       util.acceptRecord();
                       break;
                 case 2:
                       util.printRecord();
                       break;
                 }
           }
```

```
BMITrackerUtil.releaseResource();
}
```

```
<terminated> Program (2) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (10-Sep-2024, 1:03:00 pm - 1:03:27 pm) [pid: 1552]
1.Accept Record
2.Print Record
Enter choice
Enter Weight (in kilograms): 55
Enter Height (in meters): 3
0.Exit
1.Accept Record
2.Print Record
Enter choice
BMITracker [
weight=55.0
height=3.0
 getWeight()=55.0
 getHeight()=3.0
 calculateBMI()=6.1111111111111111
 classifyBMI()=Underweight
0.Exit
1.Accept Record
2.Print Record
Enter choice
```

4. Discount Calculation for Retail Sales

Design a system to calculate the final price of an item after applying a discount. The system should:

- 1. Accept the original price of an item and the discount percentage from the user.
- 2. Calculate the discount amount and the final price using the following formulas:
 - o Discount Amount Calculation: discountAmount = originalPrice *
 (discountRate / 100)
 - Final Price Calculation: finalPrice = originalPrice discountAmount
- 3. Display the discount amount and the final price of the item, in Indian Rupees (\mathfrak{F}).

Define the class DiscountCalculator with fields, an appropriate constructor, getter and setter methods, a toString method, and business logic methods. Define the class DiscountCalculatorUtil with methods acceptRecord, printRecord, and menuList. Define the class Program with a main method to test the functionality of the utility class.

```
package in.Cdac.DiscountCalculationforRetailSales;
import java.util.Scanner;
class DiscountCalculator {
     private double originalPrice;
     private double discountRate;
     public DiscountCalculator(double originalPrice, double
discountRate) {
           this.originalPrice = originalPrice;
           this.discountRate = discountRate;
     public double getOriginalPrice() {
           return originalPrice;
      }
     public void setOriginalPrice(double originalPrice)
           this.originalPrice = originalPrice;
     public double getDiscountRate() {
           return discountRate;
     public void setDiscountRate(double discountRate) {
           this.discountRate = discountRate;
     public double calculateDiscountAmount() {
           return originalPrice * (discountRate / 100);
     public double calculateFinalPrice() {
           return originalPrice - calculateDiscountAmount();
     }
     public String toString() {
           return "DiscountCalculator [\noriginalPrice=" +
originalPrice + "\n discountRate=" + discountRate
                      + "\n getOriginalPrice()=" + getOriginalPrice()
+ "\n getDiscountRate()=" + getDiscountRate()
                     + "\n calculateDiscountAmount()=" +
calculateDiscountAmount() + "\n calculateFinalPrice()="
                       + calculateFinalPrice() + "\n]";
class DiscountCalculatorUtil {
   private DiscountCalculator discountCalculator;
     private static Scanner sc = new Scanner(System.in);
     public void acceptRecord() {
           Scanner scanner = new Scanner(System.in);
           System.out.print("Enter Original Price (Rs.): ");
           double originalPrice = scanner.nextDouble();
           System.out.print("Enter Discount Rate (%): ");
           double discountRate = scanner.nextDouble();
           discountCalculator = new DiscountCalculator(originalPrice,
discountRate);
     }
```

```
public void printRecord() {
           if (discountCalculator != null) {
                 System.out.println(discountCalculator.toString());
           } else {
                 System.out.println("No record found!");
           }
     public static int menuList() {
           System.out.println("0.Exit");
           System.out.println("1.Accept Record");
           System.out.println("2.Print Record");
           System.out.print("Enter choice
           return sc.nextInt();
      }
     public static void releaseResource() {
           sc.close();
      }
}
public class Program {
     public static void main(String[] args)
           int choice;
           DiscountCalculatorUtil util = new DiscountCalculatorUtil();
           while ((choice = DiscountCalculatorUtil.menuList()) != 0) {
                 switch (choice) {
                 case 1:
                       util.acceptRecord();
                       break;
                 case 2:
                       util.printRecord();
                       break;
           DiscountCalculatorUtil.releaseResource();
}
```

```
<terminated> Program (3) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (10-Sep-2024, 1:12:29 pm – 1:12:51 pm) [pid: 24456]
0.Exit
1.Accept Record
2.Print Record
Enter choice
Enter Original Price (Rs.): 1000
Enter Discount Rate (%): 20
0.Exit
1.Accept Record
2.Print Record
Enter choice
DiscountCalculator [
originalPrice=1000.0
 discountRate=20.0
 getOriginalPrice()=1000.0
 getDiscountRate()=20.0
 calculateDiscountAmount()=200.0
 calculateFinalPrice()=800.0
0.Exit
1.Accept Record
2.Print Record
Enter choice :
```

5. Toll Booth Revenue Management

Develop a system to simulate a toll booth for collecting revenue. The system should:

- 1. Allow the user to set toll rates for different vehicle types: Car, Truck, and Motorcycle.
- 2. Accept the number of vehicles of each type passing through the toll booth.
- 3. Calculate the total revenue based on the toll rates and number of vehicles.
- 4. Display the total number of vehicles and the total revenue collected, in Indian Rupees (₹).

• Toll Rate Examples:

Car: ₹50.00
 Truck: ₹100.00
 Motorcycle: ₹30.00

Define the class TollBoothRevenueManager with fields, an appropriate constructor, getter and setter methods, a toString method, and business logic methods. Define the class TollBoothRevenueManagerUtil with methods acceptRecord, printRecord, and menuList. Define the class Program with a main method to test the functionality of the utility class.

```
package in.Cdac.TollBoothRevenueManagement;
import java.util.Scanner;
class TollBoothRevenueManager {
     private double carRate;
     private double truckRate;
     private double motorcycleRate;
     private int numCars;
     private int numTrucks;
     private int numMotorcycles;
     public TollBoothRevenueManager (double carRate, double truckRate,
double motorcycleRate) {
           this.carRate = carRate;
           this.truckRate = truckRate;
           this.motorcycleRate = motorcycleRate;
     public double getCarRate() {
           return carRate;
     public void setCarRate(double carRate)
          this.carRate = carRate;
     public double getTruckRate()
          return truckRate;
     public void setTruckRate(double truckRate) {
          this.truckRate = truckRate;
     }
     public double getMotorcycleRate() {
           return motorcycleRate;
     public void setMotorcycleRate(double motorcycleRate) {
           this.motorcycleRate = motorcycleRate;
     public int getNumCars() {
           return numCars;
     public void setNumCars(int numCars) {
           this.numCars = numCars;
     public int getNumTrucks() {
           return numTrucks;
     public void setNumTrucks(int numTrucks) {
           this.numTrucks = numTrucks;
```

```
public int getNumMotorcycles() {
           return numMotorcycles;
     public void setNumMotorcycles(int numMotorcycles) {
           this.numMotorcycles = numMotorcycles;
     public double calculateTotalRevenue() {
           return (numCars * carRate) + (numTrucks * truckRate) +
(numMotorcycles * motorcycleRate);
     public int calculateTotalVehicles() {
           return numCars + numTrucks + numMotorcycles;
     public String toString() {
           return "TollBoothRevenueManager [\ncarRate=" + carRate + "\n
truckRate=" + truckRate + "\n motorcycleRate="
                       + motorcycleRate + "\n numCars=" + numCars + "\n
numTrucks=" + numTrucks + "\n numMotorcycles=""
                       + numMotorcycles + "\n getCarRate()=" +
getCarRate() + "\n getTruckRate()=" + getTruckRate()
                       + "\n getMotorcycleRate()=" +
getMotorcycleRate() + "\n getNumCars()=" + getNumCars()
                       + "\n getNumTrucks() =" + getNumTrucks() + "\n
getNumMotorcycles()=" + getNumMotorcycles()
                      + "\n calculateTotalRevenue()=" +
calculateTotalRevenue() + "\n calculateTotalVehicles()="
                       + calculateTotalVehicles() + "\n]";
}
class TollBoothRevenueManagerUtil {
     private TollBoothRevenueManager tollBooth;
     private static Scanner sc = new Scanner(System.in);
     public void acceptRecord() {
           //Scanner sc = new Scanner(System.in);
           System.out.print("Enter number of Cars: ");
           int numCars = sc.nextInt();
           System.out.print("Enter number of Trucks: ");
           int numTrucks = sc.nextInt();
           System.out.print("Enter number of Motorcycles: ");
           int numMotorcycles = sc.nextInt();
           tollBooth.setNumCars(numCars);
           tollBooth.setNumTrucks(numTrucks);
           tollBooth.setNumMotorcycles(numMotorcycles);
           //sc.close();
     public void setTollRates() {
           //Scanner sc = new Scanner(System.in);
           System.out.print("Enter toll rate for Cars (Rs.): ");
```

```
double carRate = sc.nextDouble();
           System.out.print("Enter toll rate for Trucks (Rs.): ");
           double truckRate = sc.nextDouble();
           System.out.print("Enter toll rate for Motorcycles (Rs.): ");
           double motorcycleRate = sc.nextDouble();
            tollBooth = new TollBoothRevenueManager(carRate, truckRate,
motorcycleRate);
           //sc.close();
      public void printRecord() {
           System.out.println(tollBooth.toString());
      public static int menuList() {
           System.out.println("0.Exit");
           System.out.println("1.setTollRates");
           System.out.println("2.Accept Record");
           System.out.println("3.Print Record");
           System.out.print("Enter choice
           return sc.nextInt();
      }
      public static void releaseResource()
           sc.close();
      }
}
public class Program {
      public static void main(String[] args) {
           int choice;
           TollBoothRevenueManagerUtil util = new
TollBoothRevenueManagerUtil();
           while ((choice = TollBoothRevenueManagerUtil.menuList()) !=
0) {
                 switch (choice) {
                  case 1:
                       util.setTollRates();;
                       break;
                  case 2:
                       util.acceptRecord();;
                       break;
                 case 3:
                       util.printRecord();;
                       break;
           TollBoothRevenueManagerUtil.releaseResource();
}
```

```
Program (4) [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (10-Sep-2024, 2:50:30 pm) [pid: 11876]
```

```
0.Exit
1.setTollRates
2.Accept Record
3.Print Record
Enter choice
Enter toll rate for Cars (Rs.): 100
Enter toll rate for Trucks (Rs.): 200
Enter toll rate for Motorcycles (Rs.): 50
0.Exit
1.setTollRates
2.Accept Record
3.Print Record
Enter choice
Enter number of Cars: 2
Enter number of Trucks: 3
Enter number of Motorcycles: 1
0.Exit
1.setTollRates
2.Accept Record
3.Print Record
Enter choice
TollBoothRevenueManager [
carRate=100.0
truckRate=200.0
motorcycleRate=50.0
numCars=2
numTrucks=3
numMotorcycles=1
 getCarRate()=100.0
 getTruckRate()=200.0
getMotorcycleRate()=50.0
 getNumCars()=2
 getNumTrucks()=3
 {\tt getNumMotorcycles()=1}
 calculateTotalRevenue()=850.0
 calculateTotalVehicles()=6
0.Exit
1.setTollRates
2.Accept Record
3.Print Record
Enter choice
```

sandeepkn