//Build a class Student which contains details about the Student and compile and run its

//instance.

import java.util.Scanner;

class Student

{

private String name;

private int rollno;

private int marks;

private char div;

public void acceptRecord()

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter Student Name");

this.name = sc.nextLine();

System.out.println("Enter Student Roll no.");

this.rollno = sc.nextInt();

System.out.println("Enter Student marks.");

this.marks = sc.nextInt();

System.out.println("Enter Student Div.");

this.div = sc.next().charAt(0);

}

public void printRecord()

{

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

System.out.println("Student Roll No.: " +this.rollno);

System.out.println("Enter Student Marks: " +this.marks);

System.out.println("Enter Student Div: " +this.div);

}

}

class Program

{

public static void main(String Args[])

{

Student stu = new Student();

stu.acceptRecord();

stu.printRecord();

}

}

//Write a Vehicle class with overloaded methods that have a different number of parameters.

//Demonstrate calling these overloaded methods with various numbers of arguments.

import java.util.Scanner;

class Vehicle

{

public void Vehicle()

{

System.out.println("Speed of car");

}

public void Vehicle(int speed)

{

System.out.println("Speed of car is "+speed);

}

public void Vehicle(String model,int speed)

{

System.out.println("Speed of car is "+speed+ "Driven by"+model);

}

}

class Main

{

public static void main(String Args[])

{

Vehicle car = new Vehicle();

car.Vehicle();

car.Vehicle(80);

car.Vehicle("Veerna",120);

}

}

//Create a class Employee with multiple overloaded methods that have different parameter types (e.gint, double, String).

//Demonstrate calling each overloaded method with appropriate arguments.

class Employee

{

public void calcSalary(int Salary)

{

int totalSal = Salary + 5000;

System.out.println("Total salary " + totalSal);

}

public void calSalary(double Salary)

{

double totalSal = Salary + 5000.45;

System.out.println("Total salary " + totalSal);

}

public void calSalary(String Salary)

{

double sal = Double.parseDouble(Salary);

double totalSal = sal + 5000.45;

System.out.println("Total salary " + totalSal);

}

}

class main

{

public static void main(String Args[])

{

Employee emp = new Employee();

emp.calSalary(8000);

emp.calSalary(8000.32);

emp.calSalary(5000.68);

}

}