

Write a program which creates a class student with the following details.

Data Members:

rollNum, studName, mark1, mark2, mark3, totalMarks

Methods:

setStudentDetails() : which sets the values to all the data members except totalMarks.

calculateTotal(): To calculate the totalMarks

displayStudDetails() : Which display rollNum, studName and totalMarks.

Create a class StudentDemo to test the functionality of Student class.

Note: Upload assignment in PDF format.

Student.java

```
package PA1;

public class Student {
    // Data Members
    private int rollNum;
    private String studName;
    private double mark1;
    private double mark2;
    private double mark3;
    private double totalMarks;

    // Method to set student details
    public void setStudentDetails(int rollNum, String studName,
double mark1, double mark2, double mark3) {
        this.rollNum = rollNum;
        this.studName = studName;
        this.mark1 = mark1;
        this.mark2 = mark2;
        this.mark3 = mark3;
    }
}
```

```

// Method to calculate total marks
public void calculateTotal() {
    totalMarks = mark1 + mark2 + mark3;
}

// Method to display student details
public void displayStudDetails() {
    System.out.println("Roll Number: " + rollNum);
    System.out.println("Student Name: " + studName);
    System.out.println("Total Marks: " + totalMarks);
}
public static void main(String[] args) {

}
}

```

StudentDemo.java

```

package PA1;

public class StudentDemo {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        // Create an instance of Student
        Student student = new Student();

        // Set student details
        student.setStudentDetails(101, "John Doe", 85.5, 90.0,
78.0);

        // Calculate total marks
        student.calculateTotal();

        // Display student details
        student.displayStudDetails();
    }

}

```

Output:-

