Name: Dev Kamlesh Bhanushali

PRN: 22070126032

Java Assignment 6

Part - 2

Student Marks Calculator

```
package Java.Assignments.Assignment6.Part2;

public class MainClass {
   public static void main(String[] args)
   {
      Result res = new Result("Aayush", 003, 98, 96);
      System.out.println(res.display());
   }
}
```

```
package <u>Java.Assignments.Assignment6.Part2;</u>
3 public class Student
       String name;
       int roll_no;
       double mark1, mark2;
      public Student(String name, int roll_no, double mark1, double mark2) {
          super();
          this.name = name;
          this.roll_no = roll_no;
          this.mark1 = mark1;
           this.mark2 = mark2;
       @Override
       public String toString() {
           return "Student [name=" + name + ", roll_no=" + roll_no + ", mark1=" + mark1 + ", mark2=" + mark2 + "]";
       public String getName() {
          return name;
       public void setName(String name) {
          this.name = name;
       public int getRoll_no() {
         return roll_no;
       public void setRoll_no(int roll_no) {
          this.roll_no = roll_no;
       public double getMark1() {
          return mark1;
       public void setMark1(double mark1) {
          this.mark1 = mark1;
       public double getMark2() {
          return mark2;
       public void setMark2(double mark2) {
          this.mark2 = mark2;
```

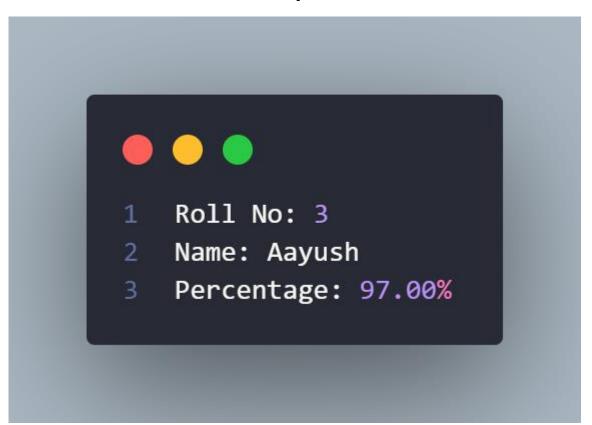
```
package Java.Assignments.Assignment6.Part2;

public interface Exam

{
  public void Percent_cal();
}
```

```
package <u>J</u>ava.<u>A</u>ssignments.<u>A</u>ssignment6.<u>P</u>art2;
public class Result extends Student implements Exam
{
    double percentage;
    public Result(String name, int roll_no, double mark1, double mark2) {
         super(name, roll_no, mark1, mark2);
     }
    @Override
    public void Percent_cal() {
         this.percentage = (mark1 + mark2) /2;
    }
    public String display()
    {
         Percent_cal();
         return String.format("""
             Roll No: %d
             Name: %s
             Percentage: %.2f%%
         """, roll_no, name, percentage).toString();
    }
}
```

Output



Github: https://github.com/devilb2103/Sem-4/tree/main/Java/Assignments/Assignment6