ID: juRztMZdxT

Avatar = Walrus

Student Class

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=1&now_tag=1&filename=Main.java>

Constrictor Created

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=2&now_tag=2&filename=Main.java>

Set Details

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=5&now_tag=5&filename=Main.java>

Total and Average

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=7&now_tag=7&filename=Main.java>

Grade Calculation

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=9&now_tag=9&filename=Main.java>

Display Details

<http://cyberdojo1.kgfsl.com/review/show/juRztMZdxT?avatar=walrus&was_tag=10&now_tag=10&filename=Main.java>

Student Object Created and Accessed

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Program

/\*

Objective: Create and Application for Student Mark Details

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\*/

import java.io.\*;

class Student{

int rollno;

String name;

int mark1,mark2,mark3;

int total;

double average;

String grade;

public Student(){

this.rollno = -1;

this.name = "No Name";

this.mark1 = -1;

this.mark2 = -1;

this.mark3 = -1;

this.total = -1;

this.average = -1.0;

this.grade = "No Grade";

}

public void setDetails(){

this.rollno = 36;

this.name = "Rajasekaran";

this.mark1 = 89;

this.mark2 = 90;

this.mark3 = 85;

}

public void computeMarks(){

this.total = this.mark1 + this.mark2 + this.mark3;

this.average = this.total/3;

if(this.average >= 90)

this.grade = "O";

else if(this.average >= 80 && this.average < 90)

this.grade = "A";

else if(this.average >= 70 && this.average < 80)

this.grade = "B";

else if(this.average >= 60 && this.average < 70)

this.grade = "C";

else if(this.average >= 50 && this.average < 60)

this.grade = "D";

else

this.grade = "F";

}

public void displayDetails(){

System.out.println(" Student Details ");

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

System.out.println("Student roll no : "+this.rollno);

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

System.out.println("Student Mark 1 : "+this.mark1);

System.out.println("Student Mark 2 : "+this.mark2);

System.out.println("Student Mark 3 : "+this.mark3);

System.out.println("Student Total : "+this.total);

System.out.println("Student Average : "+this.average);

System.out.println("Student Grade : "+this.grade);

}

}

public class Main{

public static void main(String[] args){

Student s = new Student();

s.setDetails();

s.computeMarks();

s.displayDetails();

}

}