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import java.util.Scanner;

public class EstuyanteMain{

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner s = new Scanner(System.in);
        int num;

        BSITclass bsit = new BSITclass("Maria","2nd","23","BSIT","VB");
        BSITclass bsit1 = new BSITclass(90,80,75,85,76,90);

        BECEclass bece = new BECEclass("Maria","2nd","23","BECE","JAVA");
        BECEclass bece1 = new BECEclass(98,80,80,80,80,80);

        System.out.println("Type num: ");
        num = s.nextInt();
        if(num == 1){
            System.out.println(bsit.toPrintString());
            System.out.println(bsit1.toPrintStudentAssessment());
        }else if(num == 0){
            System.out.println(bece.toPrintString());
            System.out.println(bece1.toPrintStudentAssessment());
        }else{
            System.out.println("Walang gagawin");
        }
    }
}
```

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public class BECEclass extends EstudClass{
    private String studCourse;
    private String studSubj;

    public BECEclass() {

    }

    public BECEclass(String studName, String studYear,String studAge,String
studCourse,String studSubj) {
        super(studName,studYear,studAge);
        this.studCourse = studCourse;
        this.studSubj = studSubj;
    }

    public BECEclass(int quiz1,int quiz2,int quiz3,int unit1,int unit2,int
term) {
        super(quiz1,quiz2,quiz3,unit1,unit2,term);
    }

    public String getStudCourse() {
        return studCourse;
    }
    public String getStudSubj() {
        return studSubj;
    }

    public String toPrintString() {

        return String.format("%s\n %s\n %s\n %s\n %s\n" ,
getName(),getYear(),getStudAge(),this.getStudCourse(),this.getStudSubj());
    }

    public String toPrintStudentAssessment() {

        return String.format("%s\n %s\n %s\n %s\n %s\n %s\n",
        "Quiz Ave: " +
String.valueOf(getwtAve(getQuiz1(),getQuiz2(),getQuiz3())),
        "Unit Ave: " +
String.valueOf(getwtAve(getUnit1(),getUnit2())),
        "Term      : " + String.valueOf(getwtAve(getTerm())),
        "Raw grd  : " + String.valueOf(getRawgrd()),
        "Finalgrd: " + String.valueOf(getFgrade()),
        "Remark   : " + getRemark());
    }
}

```

```
public class EstudClass {
    //member variables
    private String studName;
    private String studYear;
    private String studAge;

    private int quiz1;
    private int quiz2;
    private int quiz3;

    private int unit1;
    private int unit2;

    private int term;

    public EstudClass() {

    }

    public EstudClass(String studName, String studYear,String studAge) {
        this.studName = studName;
        this .studYear = studYear;
        this.studAge = studAge;
    }

    public EstudClass(int quiz1,int quiz2,int quiz3,int unit1,int unit2,int
term)
    { this.quiz1 = quiz1;
        this.quiz2 = quiz2;
        this.quiz3 = quiz3;
        this.unit1 = unit1;
        this.unit2 = unit2;
        this.term = term;
    }

    public String getName() {
        return studName;
    }

    public String getYear() {
        return studYear;
    }

    public String getStudAge() {
        return studAge;
    }

    public int getQuiz1() {
        return quiz1;
    }
}
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public int getQuiz2() {
    return quiz2;
}

public int getQuiz3() {
    return quiz3;
}

public int getUnit1() {
    return unit1;
}

public int getUnit2() {
    return unit2;
}

public int getTerm() {
    return term;
}

public double getwtAve(int quiz1,int quiz2,int quiz3) {
    double weightedQ;
    weightedQ = (double)(quiz1 + quiz2 + quiz3)/300 *0.30 * 100;
    return weightedQ;
}

public double getwtAve(int unit1,int unit2) {
    double weightedU;
    weightedU = (double)(unit1 + unit2)/200 *0.40 * 100;
    return weightedU;
}

public double getwtAve(int term) {
    double weightedTerm;
    weightedTerm = (double)(term)/100.00 *0.40 * 100.00;
    return weightedTerm;
}

public double getRawgrd() {
    double grd;

    grd = getwtAve(quiz1,quiz2,quiz3) + getwtAve(unit1,unit2) +
getwtAve(term);

    return grd;
}

public double getFgrade() {
    double fgrd;
    if (getRawgrd()>=98 && getRawgrd()<=100) {

        fgrd = 1.00;
    }else if (getRawgrd()>=91 && getRawgrd()<=97) {

        fgrd = 1.25;
    }else if (getRawgrd()>=85 && getRawgrd()<=90) {

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        fgrd = 1.50;
    }else if (getRawgrd()>=79 && getRawgrd()<=84) {

        fgrd = 1.75;
    }else if (getRawgrd()>=73 && getRawgrd()<=78) {

        fgrd = 2.00;
    }else if (getRawgrd()>=67 && getRawgrd()<=72) {

        fgrd = 2.25;
    }else if (getRawgrd()>= 61 && getRawgrd()<=66) {

        fgrd = 2.50;
    }else if (getRawgrd()>=55 && getRawgrd()<=60) {

        fgrd = 2.75;
    }else {
        fgrd = 3.00;
    }
    return fgrd;
} //end of getFgrade

public String getRemark() {
    String rem;

    if (getFgrade() > 3.00){
        rem = "Failed";
    }else {
        rem = "Passed";
    }

    return rem;
}
}

```

```

public class BSITclass extends EstudClass {

    private String studCourse;
    private String studSubj;

    public BSITclass() {

    }

    public BSITclass(String studName, String studYear,String studAge,String
studCourse,String studSubj) {
        super(studName,studYear,studAge);
        this.studCourse = studCourse;
        this.studSubj = studSubj;
    }

    public BSITclass(int quiz1,int quiz2,int quiz3,int unit1,int unit2,int
term) {
        super(quiz1,quiz2,quiz3,unit1,unit2,term);
    }

    public String getStudCourse() {
        return studCourse;
    }
    public String getStudSubj() {
        return studSubj;
    }

    public String toPrintString() {

        return String.format("%s\n  %s\n  %s\n  %s\n  %s\n" ,
getName(),getYear(),getStudAge(),this.getStudCourse(),this.getStudSubj());
    }

    public String toPrintStudentAssessment() {

        return String.format("%s\n  %s\n  %s\n  %s\n  %s\n  %s\n",
        "Quiz Ave: " +
String.valueOf(getwtAve(getQuiz1(),getQuiz2(),getQuiz3())),
        "Unit Ave: " +
String.valueOf(getwtAve(getUnit1(),getUnit2())),
        "Term      : " + String.valueOf(getwtAve(getTerm())),
        "Raw grd  : " + String.valueOf(getRawgrd()),
        "Finalgrd: " + String.valueOf(getFgrade()),
        "Remark   : " + getRemark());
    }

}

```

Type num:

0

Maria

2nd

23

BSIT

VB

Quiz Ave: 24.5

Unit Ave: 32.2

Term : 36.000000000000001

Raw grd : 92.700000000000002

Finalgrd: 1.25

Remark : Passed

Process finished with exit code 0

Type num:

1

Maria

2nd

23

BSIT

VB

Quiz Ave: 24.5

Unit Ave: 32.2

Term : 36.000000000000001

Raw grd : 92.700000000000002

Finalgrd: 1.25

Remark : Passed

Process finished with exit code 0

|

Type num:

2

Walang gagawin

Process finished with exit code 0

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