โปรแกรมที่ 1 คำนวณเกรด

Mo1.java - Notepad

File Edit Format View Help

```java
import java.io.*;
public class Mo1 {
    public static void main(String args[]) throws IOException {
        BufferedReader mo = new BufferedReader(new InputStreamReader(System.in));
    String m[][] = new String[3][3];
        System.out.println("====================================================");
        System.out.println("                      Calculate Grade              ");
        System.out.println("====================================================");
        System.out.print("Name : ");
            m[0][0] = mo.readLine();
        System.out.print("Subject : ");
            m[0][1] = mo.readLine();
        System.out.print("Total Score : ");
            m[0][2] = mo.readLine();
        int Score = Integer.parseInt(m[0][2]);
            String Grade;
            if(Score >= 80){
                    Grade = "A";
            }
            else if(Score >= 75) {
                    Grade = "B+";
            }
            else if(Score >= 70) {
                    Grade = "B";
            }
            else if(Score >= 65) {
                    Grade = "C+";
            }
            else if(Score >= 60) {
                    Grade = "C";
            }
            else if(Score >= 55) {
                    Grade = "D+";
            }
            else if(Score >= 50) {
                    Grade = "D";
            }
            else {
                    Grade = "F";
            }
    System.out.println("Name : " + m[0][0]);
    System.out.println("Subject : " + m[0][1]);
    System.out.println("Grade : " + Grade);
    System.out.println("====================================================");
    System.out.println("        Boonyada  Soongtiwong  5808311010        ");
    System.out.println("====================================================");
    }
}
```

```
c:\Program Files\Java\jdk-10.0.2\bin>javac Mo1.java

c:\Program Files\Java\jdk-10.0.2\bin>java Mo1
================================================
                Calculate Grade
================================================
Name : Boonyada
Subject : Computer
Total Score : 85
Name : Boonyada
Subject : Computer
Grade : A
================================================
        Boonyada  Soongtiwong  5808311010
================================================
```

โปรแกรมที่ 2 คำนวณค่าภาษี

```
Mo2.java - Notepad
File Edit Format View Help
import java.io.*;
public class Mo2 {
        public static void main(String args[]) throws IOException {
                BufferedReader mo = new BufferedReader(new InputStreamReader(System.in));
        String m[][] = new String[3][3];
                System.out.println("===============================================");
                System.out.println("                  Calculate Tax Salary              ");
                System.out.println("===============================================");
                System.out.print("ID : ");
                        m[0][0] = mo.readLine();
                System.out.print("Name : ");
                        m[0][1] = mo.readLine();
                System.out.print("Salary : ");
                        m[0][2] = mo.readLine();
                int Salary = Integer.parseInt(m[0][2]);
                        double Vat, Income, Tax;
                        if(Salary >= 30000) {
                                Vat = 0.15;
                        }
                        else if(Salary >= 20000) {
                                Vat = 0.13;
                        }
                        else if(Salary >= 10000) {
                                Vat = 0.10;
                        }
                        else if(Salary >= 5000) {
                                Vat = 0.08;
                        }
                        else {
                                Vat = 0.04;
                        }
                                Tax = Salary * Vat;
                                Income = Salary - Tax;
        System.out.println("ID : " + m[0][0]);
        System.out.println("Name : " + m[0][1]);
        System.out.println("Tax : " + Tax);
        System.out.println("Salary : " + Income);
        System.out.println("===============================================");
        System.out.println("         Boonyada  Soongtiwong  5808311010          ");
        System.out.println("===============================================");
        }
}
```

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```
c:\Program Files\Java\jdk-10.0.2\bin>javac Mo2.java

c:\Program Files\Java\jdk-10.0.2\bin>java Mo2
=================================================
                Calculate Tax Salary
=================================================
ID : 5808311010
Name : Boonyada
Salary : 60000
ID : 5808311010
Name : Boonyada
Tax : 9000.0
Salary : 51000.0
=================================================
        Boonyada   Soongtiwong   5808311010
=================================================
```

โปรแกรมที่ 3 คำนวณค่าคอมมิชชัน

```java
Mo3.java - Notepad
File  Edit  Format  View  Help
import java.io.*;
public class Mo3 {
    public static void main(String args[]) throws IOException {
        BufferedReader mo = new BufferedReader(new InputStreamReader(System.in));
    String m[][] = new String[3][3];
        System.out.println("=================================================");
        System.out.println("                    Calculate Commission            ");
        System.out.println("=================================================");
        System.out.print("ID : ");
            m[0][0] = mo.readLine();
        System.out.print("Name : ");
            m[0][1] = mo.readLine();
        System.out.print("Sales : ");
            m[0][2] = mo.readLine();
        int Sales = Integer.parseInt(m[0][2]);
            double Com, Salary, Commission;
            if(Sales >= 40000) {
                Com = 0.15;
            }
            else if(Sales >= 30000) {
                Com = 0.13;
            }
            else if(Sales >= 20000) {
                Com = 0.10;
            }
            else if(Sales >= 10000) {
                Com = 0.08;
            }
            else {
                Com = 0;
            }
                Commission = Sales * Com;
                Salary = Sales + Commission;
    System.out.println("ID : " + m[0][0]);
    System.out.println("Name : " + m[0][1]);
    System.out.println("Commission : " + Commission);
    System.out.println("Salary : " + Salary);
    System.out.println("=================================================");
    System.out.println("        Boonyada  Soongtiwong  5808311010        ");
    System.out.println("=================================================");
    }
}
```

```
c:\Program Files\Java\jdk-10.0.2\bin>javac Mo3.java

c:\Program Files\Java\jdk-10.0.2\bin>java Mo3
================================================
                Calculate Commission
================================================
ID : 5808311010
Name : Boonyada
Sales : 25000
ID : 5808311010
Name : Boonyada
Commission : 2500.0
Salary : 27500.0
================================================
        Boonyada   Soongtiwong   5808311010
================================================
```