Technological University of the Philippines
Ayala Blvd, Ermita, Manila, 1000 Metro Manila

OOP

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BSCS-NS-2A

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PRACTICAL EXAM

OUTPUT:

```
run:

Enter your 3 Grades for quizzes:
80
89
90

Enter 2 Grades for assignments:
80
79

Enter 1 Grade for Lab Activity:
80

Enter Grade for Midterm Exam:
80
```

Output - PracticalExam (run)

```
Enter 2 Grades for assignments:
80
79

Enter 1 Grade for Lab Activity:
80

Enter Grade for Midterm Exam:
80

Enter Grade for Final Exam:
80

Your Final Grade is 80 2.50
BUILD SUCCESSFUL (total time: 1 minute 11 seconds)
```

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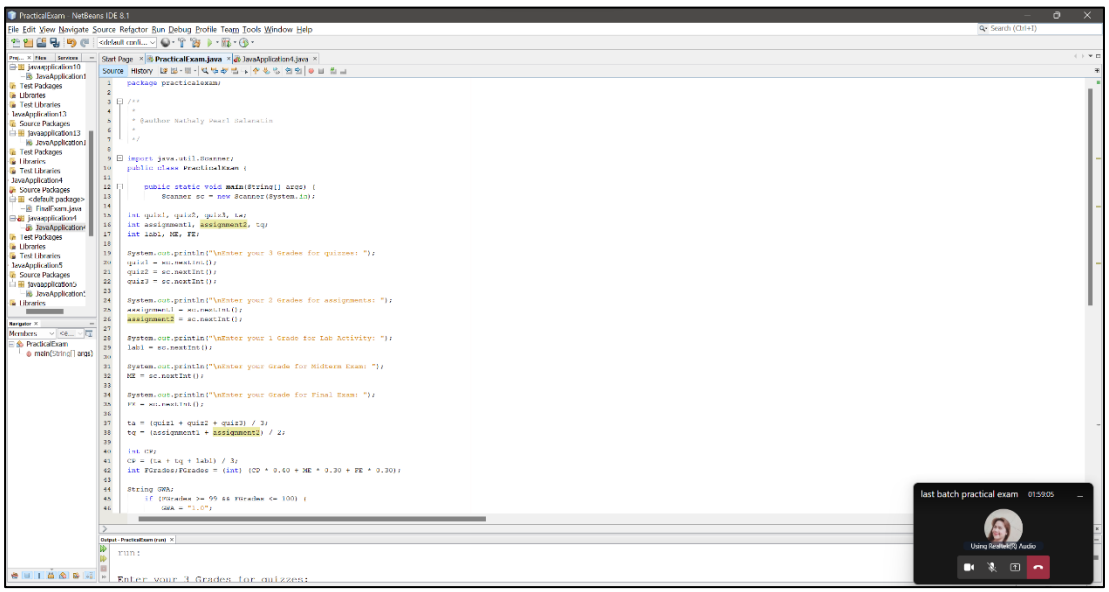

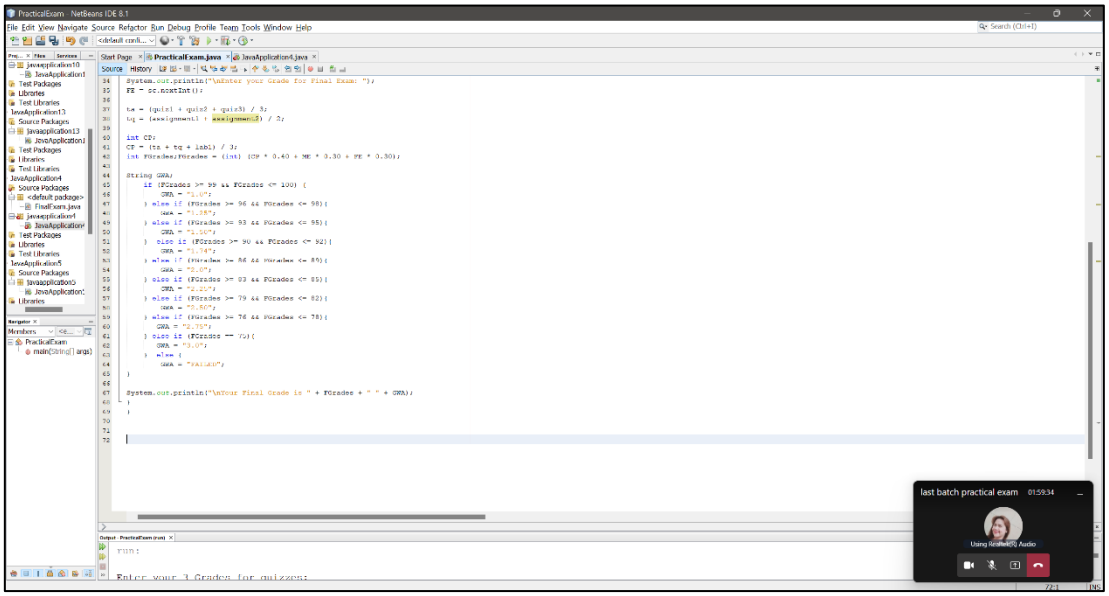

SOURCE CODE:

```
package practicalexam;


import java.util.Scanner;
public class PracticalExam {


    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int quiz1, quiz2, quiz3, ta;
        int assignment1, assignment2, tq;
        int lab1, ME, FE;

        System.out.println("\nEnter your 3 Grades for quizzes: ");
        quiz1 = sc.nextInt();
        quiz2 = sc.nextInt();
```

```
quiz3 = sc.nextInt();


System.out.println("\nEnter 2 Grades for assignments:
");
assignment1 = sc.nextInt();
assignment2 = sc.nextInt();


System.out.println("\nEnter 1 Grade for Lab Activity: ");
lab1 = sc.nextInt();


System.out.println("\nEnter Grade for Midterm Exam: ");
ME = sc.nextInt();


System.out.println("\nEnter Grade for Final Exam: ");
FE = sc.nextInt();


ta = (quiz1 + quiz2 + quiz3) / 3;
tq = (assignment1 + assignment2) / 2;


int CP;
CP = (ta + tq + lab1) / 3;
int FGrades;FGrades = (int) (CP * 0.40 + ME * 0.30 +
FE * 0.30);


String GWA;
    if (FGrades >= 99 && FGrades <= 100) {
        GWA = "1.0";
    } else if (FGrades >= 96 && FGrades <= 98){
        GWA = "1.25";
    } else if (FGrades >= 93 && FGrades <= 95){
        GWA = "1.50";
    }  else if (FGrades >= 90 && FGrades <= 92){
        GWA = "1.74";
    } else if (FGrades >= 86 && FGrades <= 89){
        GWA = "2.0";
    } else if (FGrades >= 83 && FGrades <= 85){
        GWA = "2.25";
    } else if (FGrades >= 79 && FGrades <= 82){
        GWA = "2.50";
    } else if (FGrades >= 76 && FGrades <= 78){
       GWA = "2.75";
    } else if (FGrades == 75){
       GWA = "3.0";
    }  else {
        GWA = "FAILED";
}


System.out.println("\nYour Final Grade is " + FGrades +
" " + GWA);

}
}
```