



OOP

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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) x
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)
```



```
package practicaexam;

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 your 2 Grades for assignments: ");
        assignment1 = sc.nextInt();
        assignment2 = sc.nextInt();

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

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

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

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

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

        String GWA;
        if (PGrades >= 99 && PGrades <= 100) {
            GWA = "1.00";
        } else if (PGrades >= 96 && PGrades <= 99) {
            GWA = "1.25";
        } else if (PGrades >= 93 && PGrades <= 96) {
            GWA = "1.50";
        } else if (PGrades >= 90 && PGrades <= 93) {
            GWA = "1.75";
        } else if (PGrades >= 87 && PGrades <= 90) {
            GWA = "2.00";
        } else if (PGrades >= 84 && PGrades <= 87) {
            GWA = "2.25";
        } else if (PGrades >= 81 && PGrades <= 84) {
            GWA = "2.50";
        } else if (PGrades >= 78 && PGrades <= 81) {
            GWA = "2.75";
        } else if (PGrades >= 75 && PGrades <= 78) {
            GWA = "3.00";
        } else {
            GWA = "Fail";
        }

        System.out.println("\nYour Final Grade is " + PGrades + " & GWA: ");
    }
}
```

```
package practicaexam;

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 your 2 Grades for assignments: ");
        assignment1 = sc.nextInt();
        assignment2 = sc.nextInt();

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

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

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

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

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

        String GWA;
        if (PGrades >= 99 && PGrades <= 100) {
            GWA = "1.00";
        } else if (PGrades >= 96 && PGrades <= 99) {
            GWA = "1.25";
        } else if (PGrades >= 93 && PGrades <= 96) {
            GWA = "1.50";
        } else if (PGrades >= 90 && PGrades <= 93) {
            GWA = "1.75";
        } else if (PGrades >= 87 && PGrades <= 90) {
            GWA = "2.00";
        } else if (PGrades >= 84 && PGrades <= 87) {
            GWA = "2.25";
        } else if (PGrades >= 81 && PGrades <= 84) {
            GWA = "2.50";
        } else if (PGrades >= 78 && PGrades <= 81) {
            GWA = "2.75";
        } else if (PGrades >= 75 && PGrades <= 78) {
            GWA = "3.00";
        } else {
            GWA = "Fail";
        }

        System.out.println("\nYour Final Grade is " + PGrades + " & GWA: ");
    }
}
```

SOURCE CODE:

```
package practicaexam;
```

```
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);

}
```



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