**OOP**

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BSCS-NS-2A February 3, 2023

**PRACTICAL EXAM**

**OUTPUT:**

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

**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);

}

}