import java.util.Scanner;

public class ExamProgram {

public static void main(String[] args) {

while (true) {

displayMenu();

int choice = getChoice();

switch (choice) {

case 1:

viewCourseworkResults();

break;

case 2:

viewExamResults();

break;

case 3:

System.out.println("Exiting the program...");

return;

default:

System.out.println("Invalid choice. Please try again.");

}

}

}

private static void displayMenu() {

System.out.println("Exam Program Menu:");

System.out.println("1. View coursework results");

System.out.println("2. View exam results");

System.out.println("3. Exit the program");

}

private static int getChoice() {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter your choice (1-3): ");

return scanner.nextInt();

}

private static void viewCourseworkResults() {

System.out.println("Coursework Assessments:");

int numAssessments = countAssessments();

System.out.println("Number of coursework assessments: " + numAssessments);

if (numAssessments >= (2.0 / 3.0) \* 5) {

System.out.println("You have completed at least 2/3 of the coursework.");

} else {

System.out.println("You have not completed at least 2/3 of the coursework. You will need to repeat the course.");

}

}

private static int countAssessments() {

int totalAssessments = 0;

Scanner scanner = new Scanner(System.in);

for (int i = 1; i <= 5; i++) {

String assessmentName = "ass" + i;

System.out.print("Enter the score for " + assessmentName + ": ");

scanner.nextDouble();

totalAssessments++;

}

return totalAssessments;

}

private static void viewExamResults() {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the final exam score: ");

double examScore = scanner.nextDouble();

System.out.print("Enter the coursework score: ");

double courseworkScore = scanner.nextDouble();

double totalScore = examScore \* 0.5 + courseworkScore \* 0.5;

System.out.println("Your total score is: " + totalScore);

}

}