**23/03062 Sheldon Wambugi**

**Assignment Java Programming**

import java.util.Scanner;

public class CourseworkProgram {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int courseworkCount = countCourseworkAssessments(); // Function for counting coursework assessments

do {

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

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

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

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

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

int choice = scanner.nextInt();

switch (choice) {

case 1:

viewCourseworkResults(courseworkCount); // Function to view coursework results

break;

case 2:

viewExamResults(); // Function to view exam results

break;

case 3:

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

break;

default:

System.out.println("Invalid choice. Please enter 1, 2, or 3.");

}

} while (true);

}

// Function to count coursework assessments in DIT409 unit

public static int countCourseworkAssessments() {

int numAssessments = 5; // Example: ass1, ass2, ass3, cat1, cat2

return numAssessments;

}

// Function to view coursework results

public static void viewCourseworkResults(int numAssessments) {

// Logic to view coursework results

System.out.println("Viewing coursework results...");

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

// Decision based on 2/3 of coursework

if (numAssessments >= 3) {

System.out.println("Student has completed 2/3 of coursework.");

} else {

System.out.println("Student needs to repeat coursework.");

}

}

// Function to view exam results

public static void viewExamResults() {

// Logic to view exam results

System.out.println("Viewing exam results...");

// Assume exam results are calculated separately

}

}