Credit Name: CSE 2120 Data Structures 1
Assignment Name: CourseGrades  mastery

How has your program changed from planning to coding to now? Please explain?

I decided to add a menu for option managed by a while loop, because the input is 60 numbers so doing it one per average is not an option

```java
while (continueRunning) {

    System.out.println("\nWhat would you like to do?");
    System.out.println("1. Calculate the average for a student.");
    System.out.println("2. Calculate the average for a test.");
    System.out.println("3. Exit.");
    System.out.print("Enter the number of your choice: ");

    int choice = scanner.nextInt();

    switch (choice) {
        case 1: // Calculate average for a student
            System.out.print("Enter student number (1-12) to calculate their average: ");
            int studentNum = scanner.nextInt();
            double studentAverage = gradebook.studentAvg(studentNum);
            if (studentAverage != -1) {
                System.out.printf("Student %d's average grade: %.2f\n", studentNum, studentAverage);
            }
            break;

        case 2: // Calculate average for a test
            System.out.print("Enter test number (1-5) to calculate its average: ");
            int testNum = scanner.nextInt();
            double testAverage = gradebook.testAvg(testNum);
            if (testAverage != -1) {
                System.out.printf("Test %d's average grade: %.2f\n", testNum, testAverage);
            }
            break;

        case 3: // Exit the program
            continueRunning = false;
            System.out.println("Exiting the program.");
            break;

        default:
            System.out.println("Invalid choice. Please try again.");
    }
}
```