

Project 1

Code:

```
import java.util.Scanner;

public class StudentGradeCalculator {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter number of students: ");
        int numberOfStudents = scanner.nextInt();

        for (int i = 1; i <= numberOfStudents; i++) {
            System.out.println("Enter details for student " + i + ":");

            System.out.println("Enter name: ");
            String name = scanner.next();

            System.out.println("Enter math score: ");
            int mathScore = scanner.nextInt();

            System.out.println("Enter science score: ");
            int scienceScore = scanner.nextInt();

            System.out.println("Enter English score: ");
            int englishScore = scanner.nextInt();

            double averageScore = (mathScore + scienceScore + englishScore) /
3.0;

            String grade = averageScore >= 90 ? "A" : averageScore >= 80 ?
"B" : averageScore >= 70 ? "C" : "D";

            System.out.println("Student " + name + " - Overall Grade: " +
grade);
        }

        scanner.close();
    }
}
```

Output

```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C:\Program Files\
Enter number of students:
2
Enter details for student 1:
Enter name:
onkar
Enter math score:
80
Enter science score:
70
Enter English score:
75
Student onkar - Overall Grade: C
Enter details for student 2:
Enter name:
Rutuja
Enter math score:
80
Enter science score:
70
Enter English score:
90
Student Rutuja - Overall Grade: B

Process finished with exit code 0
```