

```
1 package Exercise;
2
3 import java.util.Scanner;
4
5 public class Exercise43 {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         int proGramming = 0;
10        int dataBase = 0;
11        int userInterface = 0;
12        int app = 0;
13        int machineLearning = 0;
14
15        int sum = 0;
16        double avg = 0;
17        String score = "";
18
19        System.out.println("점수를 입력하세요.");
20        System.out.print("프로그래밍 기초 : ");
21        proGramming = scanner.nextInt();
22        System.out.print("데이터베이스 : ");
23        dataBase = scanner.nextInt();
24        System.out.print("화면 구현 : ");
25        userInterface = scanner.nextInt();
26        System.out.print("애플리케이션 구현 : ");
27        app = scanner.nextInt();
28        System.out.print("머신러닝 : ");
29        machineLearning = scanner.nextInt();
30
31        sum = proGramming + dataBase + userInterface + app + machineLearning;
32        System.out.printf("총점 : %d\n", sum);
33
34        avg = (double) sum / 5;
35        System.out.printf("평균 : %.1f\n", avg);
36
37        if (avg >= 90) {
38            score = "A";
39        } else if (avg >= 80) {
40            score = "B";
41        } else if (avg >= 70) {
42            score = "C";
43        } else if (avg >= 60) {
44            score = "D";
45        } else {
46            score = "F";
47        }
48
49        System.out.printf("학점 : %s", score);
50
51        scanner.close();
52    }
53 }
54
```