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StudentSpreadSheet.java ×

1 import java.util.Scanner;
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3 public class StudentSpreadSheet {
4     public static void main(String[] args) {
5         Scanner scanner = new Scanner(System.in);
6         //Header of the student marksheet
7         System.out.println("\n\t\t\t\t Dedan Kimathi University of Technology");
8         System.out.println("\t\t\t\t School of Computer Science and IT");
9         System.out.println("\t\t\t\t Department of Computer Science");
10        System.out.println("\t\t\t\t Academic Year: 2024/2025");
11        System.out.println("\t\t\t\t STUDENT MARKSHEET (SECOND YEAR RESULTS)\n");
12
13
14     //student 1 details
15     String regNo, fullName, status;
16     char grade;
17
18     double unit1, unit2, unit3, unit4, unit5, unit6, unit7;
19     double total, average;
20     //Input student details
21     System.out.println("----- Student 1 Details:\n");
22     System.out.print("Enter Registration Number: ");
23     regNo = scanner.nextLine();
24     System.out.print("Enter Full Name: ");
25     fullName = scanner.nextLine();
26
27     //student scores in the seven units
28     System.out.print("\nEnter score for CCS2207: ");
29     unit1 = scanner.nextDouble();
30     System.out.print("Enter score for SMA2215: ");
31     unit2 = scanner.nextDouble();
32     System.out.print("Enter score for CCS2208: ");
33     unit3 = scanner.nextDouble();
34     System.out.print("Enter score for CCS2209: ");
35     unit4 = scanner.nextDouble();
36     System.out.print("Enter score for CCS2210: ");
37     unit5 = scanner.nextDouble();
38     System.out.print("Enter score for CCS2211: ");
39     unit6 = scanner.nextDouble();
40     System.out.print("Enter score for IGS2202: ");
41     unit7 = scanner.nextDouble();
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//total and average
total = unit1 + unit2 + unit3 + unit4 + unit5 + unit6 + unit7;
average = total / 7;

//student 2 details
scanner.nextLine();
System.out.println("\n----- Student 2 Details:\n");
String regNo2, fullName2, status2;
double unit1_2, unit2_2, unit3_2, unit4_2, unit5_2, unit6_2, unit7_2;
double total2, average2;

//Input student 2 details
System.out.print("Enter Registration Number: ");
regNo2 = scanner.nextLine();
System.out.print("Enter Full Name: ");
fullName2 = scanner.nextLine();
//student 2 scores in the seven units
System.out.print("\nEnter score for CCS2207: ");
unit1_2 = scanner.nextDouble();
System.out.print("Enter score for SMA2215: ");
unit2_2 = scanner.nextDouble();
System.out.print("Enter score for CCS2208: ");
unit3_2 = scanner.nextDouble();
System.out.print("Enter score for CCS2209: ");
unit4_2 = scanner.nextDouble();
System.out.print("Enter score for CCS2210: ");
unit5_2 = scanner.nextDouble();
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System.out.print("Enter score for CCS2210: ");
unit5_2 = scanner.nextDouble();
System.out.print("Enter score for CCS2211: ");
unit6_2 = scanner.nextDouble();
System.out.print("Enter score for IGS2202: ");
unit7_2 = scanner.nextDouble();
//total and average for student 2
total2 = unit1_2 + unit2_2 + unit3_2 + unit4_2 + unit5_2 + unit6_2 + unit7_2;
average2 = total2 / 7;

//student 3 details
scanner.nextLine();
System.out.println("\n----- Student 3 Details:\n");
String regNo3, fullName3, status3;
double unit1_3, unit2_3, unit3_3, unit4_3, unit5_3, unit6_3, unit7_3;
double total3, average3;

System.out.print("Enter Registration Number: ");
regNo3 = scanner.nextLine();
System.out.print("Enter Full Name: ");
fullName3 = scanner.nextLine();
//student 3 scores in the seven units
System.out.print("\nEnter score for CCS2207: ");
unit1_3 = scanner.nextDouble();
System.out.print("Enter score for SMA2215: ");
unit2_3 = scanner.nextDouble();
System.out.print("Enter score for CCS2208: ");
unit3_3 = scanner.nextDouble();

unit3_3 = scanner.nextDouble();
System.out.print("Enter score for CCS2209: ");
unit4_3 = scanner.nextDouble();
System.out.print("Enter score for CCS2210: ");
unit5_3 = scanner.nextDouble();
System.out.print("Enter score for CCS2211: ");
unit6_3 = scanner.nextDouble();
System.out.print("Enter score for IGS2202: ");
unit7_3 = scanner.nextDouble();
//total and average for student 3
total3 = unit1_3 + unit2_3 + unit3_3 + unit4_3 + unit5_3 + unit6_3 + unit7_3;
average3 = total3 / 7;

//student 4 details
scanner.nextLine();
System.out.println("\n----- Student 4 Details:\n");
String regNo4, fullName4, status4;
double unit1_4, unit2_4, unit3_4, unit4_4, unit5_4, unit6_4, unit7_4;
double total4, average4;

System.out.print("Enter Registration Number: ");
regNo4 = scanner.nextLine();
System.out.print("Enter Full Name: ");
fullName4 = scanner.nextLine();
//student 4 scores in the seven units
System.out.print("\nEnter score for CCS2207: ");
unit1_4 = scanner.nextDouble();
System.out.print("Enter score for SMA2215: ");
unit2_4 = scanner.nextDouble();
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System.out.print("Enter score for SMA2215: ");
unit2_4 = scanner.nextDouble();
System.out.print("Enter score for CCS2208: ");
unit3_4 = scanner.nextDouble();
System.out.print("Enter score for CCS2209: ");
unit4_4 = scanner.nextDouble();
System.out.print("Enter score for CCS2210: ");
unit5_4 = scanner.nextDouble();
System.out.print("Enter score for CCS2211: ");
unit6_4 = scanner.nextDouble();
System.out.print("Enter score for IGS2202: ");
unit7_4 = scanner.nextDouble();
//total and average for student 4
total4 = unit1_4 + unit2_4 + unit3_4 + unit4_4 + unit5_4 + unit6_4 + unit7_4;
average4 = total4 / 7;

//student 5 details
scanner.nextLine();
System.out.println("\n----- Student 5 Details:\n");
String regNo5, fullName5, status5;
double unit1_5, unit2_5, unit3_5, unit4_5, unit5_5, unit6_5, unit7_5;
double total5, average5;

System.out.print("Enter Registration Number: ");
regNo5 = scanner.nextLine();
System.out.print("Enter Full Name: ");
fullName5 = scanner.nextLine();

//student 5 scores in the seven units
System.out.print("\nEnter score for CCS2207: ");
unit1_5 = scanner.nextDouble();
System.out.print("Enter score for SMA2215: ");
unit2_5 = scanner.nextDouble();
System.out.print("Enter score for CCS2208: ");
unit3_5 = scanner.nextDouble();
System.out.print("Enter score for CCS2209: ");
unit4_5 = scanner.nextDouble();
System.out.print("Enter score for CCS2210: ");
unit5_5 = scanner.nextDouble();
System.out.print("Enter score for CCS2211: ");
unit6_5 = scanner.nextDouble();
System.out.print("Enter score for IGS2202: ");
unit7_5 = scanner.nextDouble();
//total and average for student 5
total5 = unit1_5 + unit2_5 + unit3_5 + unit4_5 + unit5_5 + unit6_5 + unit7_5;
average5 = total5 / 7;
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