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1 import java.util.Scanner;
2     Runnable class
3 D public class StudentMarksheet { new*
4 D     public static void main(String[] args) { new*
5         Scanner input = new Scanner(System.in);
6
7         System.out.println("=====");
8         System.out.println("      Dedan Kimathi University of Technology");
9         System.out.println("      School of Computer Science and IT");
10        System.out.println("      Department of Computer Science");
11        System.out.println("      Academic Year: 2024/2025");
12        System.out.println("      STUDENT MARKSHEET (SECOND YEAR RESULTS)");
13        System.out.println("=====");
14        System.out.println();
15
16        // Student 1
17        System.out.println("Enter details for Student 1:");
18        System.out.print("Registration Number: ");
19        String reg1 = input.nextLine();
20        System.out.print("Full Name: ");
21        String name1 = input.nextLine();
22        System.out.print("CCS2201 Marks: ");
23        double ccs2201_1 = input.nextDouble();
24        System.out.print("CCS2202 Marks: ");
25        double ccs2202_1 = input.nextDouble();
26        System.out.print("CCS2203 Marks: ");
27        double ccs2203_1 = input.nextDouble();
28        System.out.print("CCS2204 Marks: ");
29        double ccs2204_1 = input.nextDouble();
30        System.out.print("CCS2205 Marks: ");
31        double ccs2205_1 = input.nextDouble();
32        System.out.print("CCS2206 Marks: ");
```

```
3  public class StudentMarksheet { new*
4      public static void main(String[] args) { new*
33          double ccs2206_1 = input.nextDouble();
34          System.out.print("CCS2211 Marks: ");
35          double ccs2211_1 = input.nextDouble();
36          input.nextLine();
37
38          double total1 = ccs2201_1 + ccs2202_1 + ccs2203_1 + ccs2204_1 + ccs2205_1 + ccs2206_1 + ccs2211_1;
39          double average1 = total1 / 7;
40
41          // Student 2
42          System.out.println("\nEnter details for Student 2:");
43          System.out.print("Registration Number: ");
44          String reg2 = input.nextLine();
45          System.out.print("Full Name: ");
46          String name2 = input.nextLine();
47          System.out.print("CCS2201 Marks: ");
48          double ccs2201_2 = input.nextDouble();
49          System.out.print("CCS2202 Marks: ");
50          double ccs2202_2 = input.nextDouble();
51          System.out.print("CCS2203 Marks: ");
52          double ccs2203_2 = input.nextDouble();
53          System.out.print("CCS2204 Marks: ");
54          double ccs2204_2 = input.nextDouble();
55          System.out.print("CCS2205 Marks: ");
56          double ccs2205_2 = input.nextDouble();
57          System.out.print("CCS2206 Marks: ");
58          double ccs2206_2 = input.nextDouble();
59          System.out.print("CCS2211 Marks: ");
60          double ccs2211_2 = input.nextDouble();
61          input.nextLine();
62
```

```
3     public class StudentMarksheet { new*
4         public static void main(String[] args) { new*
63             double total2 = ccs2201_2 + ccs2202_2 + ccs2203_2 + ccs2204_2 + ccs2205_2 + ccs2206_2 + ccs2211_2;
64             double average2 = total2 / 7;
65
66             // Student 3
67             System.out.println("\nEnter details for Student 3:");
68             System.out.print("Registration Number: ");
69             String reg3 = input.nextLine();
70             System.out.print("Full Name: ");
71             String name3 = input.nextLine();
72             System.out.print("CCS2201 Marks: ");
73             double ccs2201_3 = input.nextDouble();
74             System.out.print("CCS2202 Marks: ");
75             double ccs2202_3 = input.nextDouble();
76             System.out.print("CCS2203 Marks: ");
77             double ccs2203_3 = input.nextDouble();
78             System.out.print("CCS2204 Marks: ");
79             double ccs2204_3 = input.nextDouble();
80             System.out.print("CCS2205 Marks: ");
81             double ccs2205_3 = input.nextDouble();
82             System.out.print("CCS2206 Marks: ");
83             double ccs2206_3 = input.nextDouble();
84             System.out.print("CCS2211 Marks: ");
85             double ccs2211_3 = input.nextDouble();
86             input.nextLine();
87
88             double total3 = ccs2201_3 + ccs2202_3 + ccs2203_3 + ccs2204_3 + ccs2205_3 + ccs2206_3 + ccs2211_3;
89             double average3 = total3 / 7;
90
91             // Student 4
92             System.out.println("\nEnter details for Student 4:");
```

```
3     public class StudentMarksheet { new*
4         public static void main(String[] args) { new*
79
91         // Student 4
92         System.out.println("\nEnter details for Student 4:");
93         System.out.print("Registration Number: ");
94         String reg4 = input.nextLine();
95         System.out.print("Full Name: ");
96         String name4 = input.nextLine();
97         System.out.print("CCS2201 Marks: ");
98         double ccs2201_4 = input.nextDouble();
99         System.out.print("CCS2202 Marks: ");
100        double ccs2202_4 = input.nextDouble();
101        System.out.print("CCS2203 Marks: ");
102        double ccs2203_4 = input.nextDouble();
103        System.out.print("CCS2204 Marks: ");
104        double ccs2204_4 = input.nextDouble();
105        System.out.print("CCS2205 Marks: ");
106        double ccs2205_4 = input.nextDouble();
107        System.out.print("CCS2206 Marks: ");
108        double ccs2206_4 = input.nextDouble();
109        System.out.print("CCS2211 Marks: ");
110        double ccs2211_4 = input.nextDouble();
111        input.nextLine();

113        double total4 = ccs2201_4 + ccs2202_4 + ccs2203_4 + ccs2204_4 + ccs2205_4 + ccs2206_4 + ccs2211_4;
114        double average4 = total4 / 7;
115
116        // Student 5
117        System.out.println("\nEnter details for Student 5:");
118        System.out.print("Registration Number: ");
119        String reg5 = input.nextLine();
120        System.out.print("Full Name: ")
```

```
3     public class StudentMarksheet { new*
4         public static void main(String[] args) { new*
118             System.out.print("Registration Number: ");
119             String reg5 = input.nextLine();
120             System.out.print("Full Name: ");
121             String name5 = input.nextLine();
122             System.out.print("CCS2201 Marks: ");
123             double ccs2201_5 = input.nextDouble();
124             System.out.print("CCS2202 Marks: ");
125             double ccs2202_5 = input.nextDouble();
126             System.out.print("CCS2203 Marks: ");
127             double ccs2203_5 = input.nextDouble();
128             System.out.print("CCS2204 Marks: ");
129             double ccs2204_5 = input.nextDouble();
130             System.out.print("CCS2205 Marks: ");
131             double ccs2205_5 = input.nextDouble();
132             System.out.print("CCS2206 Marks: ");
133             double ccs2206_5 = input.nextDouble();
134             System.out.print("CCS2211 Marks: ");
135             double ccs2211_5 = input.nextDouble();
136
137             double total5 = ccs2201_5 + ccs2202_5 + ccs2203_5 + ccs2204_5 + ccs2205_5 + ccs2206_5 + ccs2211_5;
138             double average5 = total5 / 7;
139
140             // Print formatted marksheet
141             System.out.println("\n\n");
142             System.out.println("Student Score Sheet");
143             System.out.println("-----");
144             System.out.printf("%-12s%-28s%-9s%-9s%-9s%-9s%-9s%-9s%-9s%-8s%n",
145                             "Reg No.", "Full Name", "CCS 2201", "CCS 2202", "CCS 2203",
146                             "CCS 2204", "CCS 2205", "CCS 2206", "CCS 2211", "TOTALS",
147                             "AVERAGE", "STATUS", "GRADE");
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```
146         "CCS 2204", "CCS 2205", "CCS 2206", "CCS 2211", "TOTALS",
147         "AVERAGE", "STATUS", "GRADE");
148     System.out.println("-----");
149
150     System.out.printf("%-12s%-20s%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9s%-8s%n",
151         reg1, name1, ccs2201_1, ccs2202_1, ccs2203_1, ccs2204_1,
152         ccs2205_1, ccs2206_1, ccs2211_1, total1, average1, "", "");
153
154     System.out.printf("%-12s%-20s%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9s%-8s%n",
155         reg2, name2, ccs2201_2, ccs2202_2, ccs2203_2, ccs2204_2,
156         ccs2205_2, ccs2206_2, ccs2211_2, total2, average2, "", "");
157
158     System.out.printf("%-12s%-20s%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9s%-8s%n",
159         reg3, name3, ccs2201_3, ccs2202_3, ccs2203_3, ccs2204_3,
160         ccs2205_3, ccs2206_3, ccs2211_3, total3, average3, "", "");
161
162     System.out.printf("%-12s%-20s%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9s%-8s%n",
163         reg4, name4, ccs2201_4, ccs2202_4, ccs2203_4, ccs2204_4,
164         ccs2205_4, ccs2206_4, ccs2211_4, total4, average4, "", "");
165
166     System.out.printf("%-12s%-20s%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9.0f%-9s%-8s%n",
167         reg5, name5, ccs2201_5, ccs2202_5, ccs2203_5, ccs2204_5,
168         ccs2205_5, ccs2206_5, ccs2211_5, total5, average5, "", "");
169
170     System.out.println("=====-----====");
171
172     input.close();
173 }
174 }
```