

```

1  package App;
2
3  public class AdminPanel {
4      String id, pass;
5      String c;
6
7      AdminPanel() {
8          // admin privilege starts here
9          System.out.println("\tLogin Successful");
10
11         // Use AppScanner instead of Scanner
12         try {
13             // 2ND PART
14             System.out.println("\t=====");
15             System.out.println("\t\tAdmin Panel");
16             System.out.println("\t=====");
17             System.out.println("\t'→Navigate by inserting index←'");
18             System.out.println("\t1. Change volume of parts");
19             System.out.println("\t2. Add new parts");
20             System.out.println("\t3. Go back to the menu");
21             System.out.println("\t=====");
22             System.out.print("\tInsert a number between 1 to 3: ");
23
24             int x;
25             while (true) {
26                 try {
27                     x = AppScanner.nextInt();
28                     break;
29                 } catch (Exception e) {
30                     System.out.println("Invalid input. Please enter a
31 number.");
32                 }
33
34                 while (x < 1 || x > 3) {
35                     System.out.println("\tInvalid range. \n\tPlease insert a
36 number between 1 to 3.");
37                     System.out.print("\tSelect range: ");
38
39                     while (true) {
40                         try {
41                             x = AppScanner.nextInt();
42                             break;
43                         } catch (Exception e) {
44                             System.out.println("Invalid input. Please enter a
45 number.");
46                         }
47                     }
48                     System.out.println("\t-----");
49
50                     switch (x) {

```

```

51         // looks for a part. if found, shows the current volume
    then changes it to the target;
52         Selector.printPartAll();
53         System.out.println("\tSelect a part ID from above to
change its volume.");
54         System.out.print("\tChosen index :");
55         int t;
56
57         while (true) {
58             try {
59                 t = AppScanner.nextInt();
60                 break;
61             } catch (Exception e) {
62                 System.out.println("Invalid input. Please enter
a number.");
63             }
64         }
65
66         System.out.print("\tInput the new volume : ");
67         int v;
68
69         while (true) {
70             try {
71                 v = AppScanner.nextInt();
72                 break;
73             } catch (Exception e) {
74                 System.out.println("Invalid input. Please enter
a number.");
75             }
76         }
77
78         CSVWriter.updateVolume(t, v);
79         new AdminPanel();
80         break;
81     case 2:
82         // looks for the highest ID, does +1, and adds parts
    based on type;
83         CSVWriter.addNewPart();
84         new AdminPanel();
85         break;
86     case 3:
87         // creates a new Menu instance
88         new Menu();
89         break;
90     default:
91         break;
92     }
93     } catch (Exception e) {
94         e.printStackTrace();
95     }
96 }
97 }
98

```