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16 package Mastery;
17
18 import java.util.Scanner;
19
20
21
22 public class Mysavings {
23
24     @SuppressWarnings("resource")
25     public static <piggyBank> void main(String[] args) {
26         //links piggybank to mysavings
27         piggybank pb = new piggybank();
28
29         // Lets the user input values and makes it so that decimals only go to the hundredths
30         Scanner in = new Scanner(System.in);
31         DecimalFormat deca = new DecimalFormat("#.##");
32
33
34         int choice = 0;
35
36         do {
37             //prompt user to enter a number to pick which type of metric conversion they want
38             System.out.println("1. Show total in bank");
39             System.out.println("2. Add a penny");
40             System.out.println("3. Add a nickel");
41             System.out.println("4. Add a dime");
42             System.out.println("5. Add a quarter");
43             System.out.println("6. Take money out of your bank");
44             System.out.println("Enter 0 to quit");
45             System.out.print("Enter your choice: ");
46             choice = in.nextInt();
47
48
49
50             //switch case for each metric conversion choice
51             switch (choice) {
52
53                 //Show total in bank when user picks 1
54                 case 1:
55
56                     //takes user input and applies inches to cm method to it
57                     System.out.println("Total in bank: $" + deca.format(pb.bankTotal()));
58                     break;
59
60                     //Add a penny when user picks 2
61                 case 2:
62                     //takes user input and applies cm to inches method to it
63                     pb.penny(1);
64                     System.out.println("Added 1 penny");
65                     break;
66
67                     //Add a nickel when user picks 3
68                 case 3:
69                     //takes user input and applies feet to cm method to it
70                     pb.nickel(1);
71                     System.out.println("Added 1 nickel");
72                     break;
73
74                     //Add a dime when user picks 4

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75         case 4:
76
77             //takes user input and applies cm to feet method to it
78             pb.dime(1);
79             System.out.println("Added 1 dime");
80             break;
81
82             //Add a quarter when user picks 5
83         case 5:
84             //takes user input and applies yards to m method to it
85             pb.quarter(1);
86             System.out.println("Added 1 quarter");
87             break;
88
89             //Take money out of piggy bank when user picks 6
90         case 6:
91             //takes user input and applies m to yards method to it
92             System.out.println("You took $" + deca.format(pb.bankTotal()) + " out of the bank" );
93             pb.takeOut();
94             break;
95
96             //runs case 7 when user picks 7
97         case 0:
98             //takes user input and applies mile to km method to it
99             System.out.println("Quit successful");
100             break;
101     }
102 }
103 while (choice != 0);
104
105 }
106

```

No errors