GroceryStore2.java

```java
1    package cs175lab;
2
3    import java.util.Scanner;
4
5    public class GroceryStore2 {
6
7        public static void main(String[] args) {
8            Scanner input = new Scanner(System.in);
9
10           //Variables for grocery discount
11           boolean begin = true;
12           double amountSpentAtStore =0;
13           double couponWorth = 0;
14           final double lessThanTen = 0.00;
15           final double betweenTenAndSixity = 0.08;
16           final double betweenSixtyOneAndOneHundredAndFifty =
   0.10;
17           final double
   betweenOneHundredAndFiftyOneAndTwoHundredAndTen = 0.12;
18           final double overTwoHundredAndTen = 0.14;
19
20            //the inputs from user
21           System.out.print("Please enter the cost of your
   groceries or 0 to end: ");
22            while (input.hasNextDouble())
23            {
24            amountSpentAtStore = input.nextDouble() ;
25            if (amountSpentAtStore == 0)
26            {
27                break;
28            }
29
30             //calculations
31
32           if ((amountSpentAtStore < 10) ||
   (amountSpentAtStore>1000))
33            {
34                System.out.println("Your input needs to be between
   10 and between 1000");//no coupon
```

```
35                }
36
37                else if (amountSpentAtStore<=60)
38                {
39                    couponWorth = betweenTenAndSixity *
   amountSpentAtStore;
40                    System.out.println("You win a discount coupon of
   $"+ (couponWorth) + ". (8 percent of your purchase)");
41                }
42                else if (amountSpentAtStore<=150)
43                {
44                    couponWorth = betweenSixtyOneAndOneHundredAndFifty
   * amountSpentAtStore;
45                    System.out.println("You win a discount coupon of
   $"+ (couponWorth) + ". (10 percent of your purchase)");
46                }
47                else if (amountSpentAtStore<= 210)
48                {
49                    couponWorth =
   betweenOneHundredAndFiftyOneAndTwoHundredAndTen* amountSpentAtStore;
50                    System.out.println("You win a discount coupon of
   $" + (couponWorth) + ". (12 percent of your purchase)");
51                }
52                else
53                {
54                    couponWorth =  overTwoHundredAndTen*
   amountSpentAtStore;
55                    System.out.println("You win a discount coupon of
   $"+ (couponWorth) + ". (14 percent of your purchase)");
56
57                }
58            System.out.print("Please enter the cost of your
   groceries or 0 to end: ");
59                }
60     }//class
61     }//void
62
```