```java
1      package cs175lab;
2
3      import java.util.Scanner;
4
5      public class GroceryStore2 {
6
7          public static void main(String[] args) {
8              // TODO Auto-generated method stub
9              Scanner input = new Scanner(System.in);
10
11             //Variables for grocery discount
12             boolean begin = true;
13             double amountSpentAtStore =0;
14             double couponWorth = 0;
15             double totalAfterCoupon= 0;
16             final double lessThanTen = 0.00;
17             final double betweenTenAndSixity = 0.08;
18             final double betweenSixtyOneAndOneHundredAndFifty = 0.10;
19             final double betweenOneHundredAndFiftyOneAndTwoHundredAndTen = 0.12;
20             final double overTwoHundredAndTen = 0.14;
21
22              //the inputs from user
23              while (begin = true) {
24             System.out.print("Please enter the cost of your groceries or 0 to end: ");
25             amountSpentAtStore = input.nextDouble() ;
26             if (amountSpentAtStore == 0)
27             {
28                 break;
29             }
30             //make it quit with zero
31
32              //calculations
33
34             if (amountSpentAtStore < 10) {
35                 System.out.println("Your input needs to be larger than 10");
```

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