

# GroceryDiscountClass.java

```

1 package groceryDiscount;
2
3 import java.util.Scanner;
4
5
6 public class GroceryDiscountClass {
7
8     public static void main(String[] args) {
9         // TODO Auto-generated method stub
10
11         Scanner input = new Scanner(System.in);
12
13
14         //Variables for grocery discount
15         double amountSpentAtStore = 0;
16
17         double couponWorth = 0;
18
19         double totalAfterCoupon = 0;
20
21         final double lessThanTen = 0.00;
22
23         final double betweenTenAndSixty = 0.08;
24
25         final double betweenSixtyOneAndOneHundredAndFifty = 0.10;
26
27         final double betweenOneHundredAndFiftyOneAndTwoHundredAndTen = 0.12;
28
29         final double overTwoHundredAndTen = 0.14;
30
31         //the inputs from user
32         System.out.print("Enter the cost of your groceries in dollars: ");
33         amountSpentAtStore = input.nextDouble();
34
35         //calculations
36         if (amountSpentAtStore < 10 && amountSpentAtStore >= 0)
37         {
38             couponWorth = lessThanTen * amountSpentAtStore;
39             System.out.print("You are not eligible for a coupon this time! ");
40         }
41         else if (amountSpentAtStore >= 10 && amountSpentAtStore <= 60)
42         {
43             couponWorth = betweenTenAndSixty * amountSpentAtStore;
44             System.out.print("You win a discount coupon of $" + (couponWorth) + ". (8 percent of
your purchase)");
45         }
46         else if (amountSpentAtStore >= 60 && amountSpentAtStore <= 150)
47         {
48             couponWorth = betweenSixtyOneAndOneHundredAndFifty * amountSpentAtStore;
49             System.out.print("You win a discount coupon of $" + (couponWorth) + ". (10 percent
of your purchase)");
50         }
51         else if (amountSpentAtStore >= 150 && amountSpentAtStore <= 210)
52         {
53             couponWorth = betweenOneHundredAndFiftyOneAndTwoHundredAndTen * amountSpentAtStore;
54             System.out.print("You win a discount coupon of $" + (couponWorth) + ". (12 percent

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    of your purchase)");
56     }
57     else if (amountSpentAtStore>210)
58     {
59         couponWorth = overTwoHundredAndTen* amountSpentAtStore;
60         System.out.print("You win a discount coupon of $" + (couponWorth) + ". (14 percent
    of your purchase)");
61     }
62
63     }
64
65
66     }
67
68
69
```