

```

import
java.util.*;

class market
{
    public static void main(String[] args)
    {
        Scanner sn = new Scanner(System.in);
        System.out.println("Enter the number of items");
        int n = sn.nextInt();
        double[] cost = new double[n];
        int[] q = new int[n];
        for(int i=0; i<n;i++)
        {
            System.out.println("Enter the cost of item
"+(i+1));

            cost[i] = sn.nextDouble();
            System.out.println("Enter the quantity of the
item");

            q[i] = sn.nextInt();
        }
        double total = 0;
        for(int i=0;i<n;i++)
            total += q[i]*cost[i];
        if(total>= 10000)
            total -= 0.05*total;
        else if(total>=7500)
            total -= 0.03*total;
        else if(total>5000)
            total -= 0.02*total;
        System.out.println("The total bill amount is "+total);
    }
}

```

Main.java

```
1 import java.util.*;
2
3 class Main
4 {
5     public static void main(String[] args)
6     {
7         Scanner sn = new Scanner(System.in);
8         System.out.println("Enter the number of items");
9         int n = sn.nextInt();
10        double[] cost = new double[n];
11        int[] q = new int[n];
12        for(int i=0; i<n;i++)
13        {
14            System.out.println("Enter the cost of item "+(i+1));
15            cost[i] = sn.nextDouble();
16            System.out.println("Enter the quantity of the item");
17            q[i] = sn.nextInt();
18        }
19        double total = 0;
20        for(int i=0;i<n;i++)
21            total += q[i]*cost[i];
22        if(total>= 10000)
23            total -= 0.05*total;
24        else if(total>=7500)
25            total -= 0.03*total;
26        else if(total>5000)
27            total -= 0.02*total;
28        System.out.println("The total bill amount is "+total);
29    }
30 }
```

Input

```
Enter the number of items
2
Enter the cost of item 1
100
Enter the quantity of the item
1
Enter the cost of item 2
1000
Enter the quantity of the item
1
The total bill amount is 1100.0
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```