

```
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);
```

```
}
```

```
}
```

