Date: / /

3 Algo.

class —

{

public static void main ()

{

n → number of item from user.

double cost = new double [n];

int quan = new int [n];

cost → cost of item from user.

quant → quantity of item from user

double total = 0;

for i = 0 → n-1

total += cost [i] * quant [i];

if total >= 10,000

total -= 0.05 * total;

else if total >= 7500

total -= 0.03 * total;

else if total >= 5000

total -= 0.02 * total;

Display (total);

}

}

Scanned with CamScanner

Date: / /

3

```
import java.util.*;

class Market
{
    public static void main()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter numbers of items");
        int n = sc.nextInt();
        double cost = new double[n]; int q = new int[n];
        for(int i=0; i<n; i++)
        {
            System.out.println("Enter the cost and
                    the quantity of the item"+i);
            cost[i] = sc.nextDouble();
            q[i] = sc.nextInt();
        }
        double total = 0;
        for(int i=0; i<n; i++)
        {
            total += cost[i] * q[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 is "+total);
    }
}
```

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```
vj2001@VJ:~/ooj-lab$ nano market.java
vj2001@VJ:~/ooj-lab$ javac market.java
vj2001@VJ:~/ooj-lab$ java market
Enter the number of items
5
Enter the cost of item 1
300
Enter the quantity of the item
2
Enter the cost of item 2
6074
Enter the quantity of the item
1
Enter the cost of item 3
900
Enter the quantity of the item
4
Enter the cost of item 4
50
Enter the quantity of the item
1000
Enter the cost of item 5
1
Enter the quantity of the item
1000
The total bill amount is 58210.3
```

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