```java
import java.util.Scanner;
public class Bill {
    Run | Debug
    public static void main(String[] args){
        Scanner sc = new Scanner(System.in);


        System.out.println("Enter the number of items:");
        int n = sc.nextInt();
        double indTot, tot = 0;
        double[] rpi = new double[n];
        int[] quant = new int[n];
        for(int i = 0; i<n; i++){
            System.out.println("enter quantity of purchase and rate per item for item"+(i+1));
            int q = sc.nextInt();
            double r = sc.nextDouble();
            quant[i] = q;
            rpi[i] = r;
        }
        for(int i = 0; i<n; i++){
            indTot = quant[i] * rpi[i] ;
            tot += indTot;
        }
        if (tot >= 10000) {
            System.out.println("Discount = 5%. Total bill = " + tot + ", Discounted bill = " + (tot - tot * 0.05));
        }

        else if (tot >= 7500) {
            System.out.println("Discount = 3%. Total bill = " + tot + ", Discounted bill = " + (tot - tot * 0.03));
        }
        else if (tot >= 5000) {
            System.out.println("Discount = 2%. Total bill = " + tot + ", Discounted bill = " + (tot - tot * 0.02));
        }
        else{
            System.out.println(" No discount. Total bill = " + tot );
        }

    }
}
```
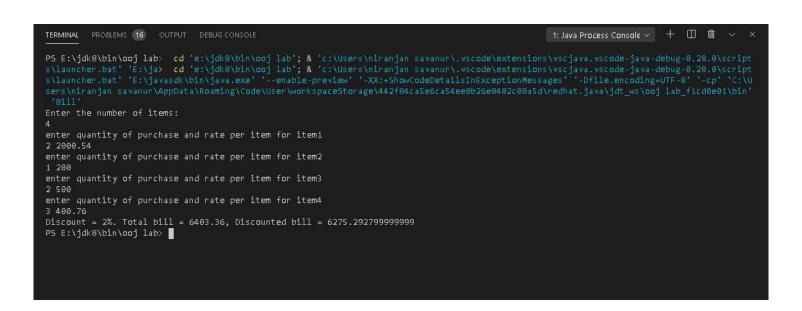
```
----------------------------------------------------------------
PS E:\jdk8\bin\ooj lab>  cd 'e:\jdk8\bin\ooj lab'; & 'c:\Users\niranjan savanur\.vscode\extensions\vscjava.vscode-java-debug-0.28.0\script
s\launcher.bat' 'E:\javasdk\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-Dfile.encoding=UTF-8' '-cp' 'C:\U
 'Bill'
Enter the number of items:
4
enter quantity of purchase and rate per item for item1
2 500.32
enter quantity of purchase and rate per item for item2
1 45
enter quantity of purchase and rate per item for item3
30 10.98
enter quantity of purchase and rate per item for item4
3 56
 No discount. Total bill = 1543.04
PS E:\jdk8\bin\ooj lab> []
```

```
PS E:\jdk8\bin\ooj lab>  cd 'e:\jdk8\bin\ooj lab'; & 'c:\Users\niranjan savanur\.vscode\extensions\vscjava.vscode-java-debug-0.28.0\script
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sers\niranjan savanur\AppData\Roaming\Code\User\workspaceStorage\442f84ca5e6ca54ee8b26e8482c08a5d\redhat.java\jdt_ws\ooj lab_f1cd0e01\bin'
 'Bill'
Enter the number of items:
4
enter quantity of purchase and rate per item for item1
2 2000.54
enter quantity of purchase and rate per item for item2
1 200
enter quantity of purchase and rate per item for item3
2 500
enter quantity of purchase and rate per item for item4
3 400.76
Discount = 2%. Total bill = 6403.36, Discounted bill = 6275.292799999999
PS E:\jdk8\bin\ooj lab> ▮
```

```
Enter the number of items:
4
enter quantity of purchase and rate per item for item1
2 3000.56
enter quantity of purchase and rate per item for item2
3 200.45
enter quantity of purchase and rate per item for item3
1 1000
enter quantity of purchase and rate per item for item4
2 400.3
Discount = 3%. Total bill = 8403.07, Discounted bill = 8150.9779
PS E:\jdk8\bin\ooj lab>
```

```
-----------------------------------------------------
PS E:\jdk8\bin\ooj lab>  cd 'e:\jdk8\bin\ooj lab'; & 'c:\Users\niranjan savanur\.vscode\extensions\vscjava.vscode-java-debug-0.28.0\script
s\launcher.bat' 'E:\javasdk\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-Dfile.encoding=UTF-8' '-cp' 'C:\U
sers\niranjan savanur\AppData\Roaming\Code\User\workspaceStorage\442f84ca5e6ca54ee8b26e8482c08a5d\redhat.java\jdt_ws\ooj lab_f1cd0e01\bin'
 'Bill'
Enter the number of items:
4
enter quantity of purchase and rate per item for item1
3 3000.67
enter quantity of purchase and rate per item for item2
2 200
enter quantity of purchase and rate per item for item3
30 5.25
enter quantity of purchase and rate per item for item4
4 2000.01
Discount = 5%. Total bill = 17559.55, Discounted bill = 16681.5725
PS E:\jdk8\bin\ooj lab>
```