```c
                        Ship To:");
--------------------------------------------------------------");
p_to_name);
, ship_to_address);
ship_to_city);
ship_to_gstin);
, ship_to_contact);
ship_to_email);
--------------------------------------------------------------");
date of delivery            Payment terms: 100% against invoice");
--------------------------------------------------------------");
oduct Name    || HSN code || Quantity || Units || Rate  || Tax || Amount  ||");
--------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-4.2f || %-3.0f || %-5.2f ||%n", product_1_code, product_1_name, product_1_hsn, product_1_quantity, product_1_units, product_1_rate, product_1_tax, product_1_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_2_code, product_2_name, product_2_hsn, product_2_quantity, product_2_units, product_2_rate, product_2_tax, product_2_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_3_code, product_3_name, product_3_hsn, product_3_quantity, product_3_units, product_3_rate, product_3_tax, product_3_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_4_code, product_4_name, product_4_hsn, product_4_quantity, product_4_units, product_4_rate, product_4_tax, product_4_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_5_code, product_5_name, product_5_hsn, product_5_quantity, product_5_units, product_5_rate, product_5_tax, product_5_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_6_code, product_6_name, product_6_hsn, product_6_quantity, product_6_units, product_6_rate, product_6_tax, product_6_amount);
--------------------------------------------------------------");
-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_7_code, product_7_name, product_7_hsn, product_7_quantity, product_7_units, product_7_rate, product_7_tax, product_7_amount);
--------------------------------------------------------------");
                        Total          || %-6.2f ||%n", sub_amount);
                                        ||----------||");
                        Discounts      ||  %-6.2f ||%n", discount_amount);
                                        ||----------||");
                        Grand Total    || %-6.2f ||%n", grand_total);
                        ====================||========||");
            ");
--------------------------------------------------------------");
```

```java
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.println("------------------------------------------------------------------------");

        // input of BILL TO details.
        System.out.print("Please enter the Bill To details: \n");
        System.out.print("Name: ");
        String bill_to_name = scanner.nextLine();

        System.out.print("Address: ");
        String bill_to_address = scanner.nextLine();

        System.out.print("City, State, ZIP: ");
        String bill_to_city = scanner.nextLine();

        System.out.print("GSTIN: ");
        String bill_to_gstin = scanner.nextLine();

        System.out.print("Contact: ");
        String bill_to_contact = scanner.nextLine();

        System.out.print("Email: ");
        String bill_to_email = scanner.nextLine();

        System.out.println("------------------------------------------------------------------------");

        // input of SHIP TO details.
        System.out.print("Please enter the Ship To details: \n");
        System.out.print("Name: ");
        String ship_to_name = scanner.nextLine();

        System.out.print("Address: ");
        String ship_to_address = scanner.nextLine();

        System.out.print("City, State, ZIP: ");
        String ship_to_city = scanner.nextLine();
```

```
******************************************** PRODUCT 6 ********************************************
Please enter the product details:
Enter Product code: 129
Enter Product name: Vim bar 200 g
Enter HSN code: 08109010
Enter Quantity: 20
Enter Units: nos
Enter Rate: 15
Enter Tax(%): 5


----------------------------------------------------------------------------------------------
******************************************** PRODUCT 7 ********************************************
Please enter the product details:
Enter Product code: 131
Enter Product name: Pepsodent 150 g
Enter HSN code: 33061020
Enter Quantity: 30
Enter Units: nos
Enter Rate: 85
Enter Tax(%): 18


----------------------------------------------------------------------------------------------
```

```
**************************************************** PRODUCT 3 ****************************************************
Please enter the product details:
Enter Product code: 115
Enter Product name: Hamam soap 150 g
Enter HSN code: 34011100
Enter Quantity: 25
Enter Units: nos
Enter Rate: 60
Enter Tax(%): 5
--------------------------------------------------------------------------------------------

**************************************************** PRODUCT 4 ****************************************************
Please enter the product details:
Enter Product code: 120
Enter Product name: Lux Soap 150 g
Enter HSN code: 34011100
Enter Quantity: 30
Enter Units: nos
Enter Rate: 53
Enter Tax(%): 5
--------------------------------------------------------------------------------------------

**************************************************** PRODUCT 5 ****************************************************
Please enter the product details:
Enter Product code: 125
Enter Product name: Dove soap 125 g
Enter HSN code: 34011100
Enter Quantity: 25
Enter Units: nos
Enter Rate: 75
Enter Tax(%): 5


--------------------------------------------------------------------------------------------
```

```
Please enter the Bill To details:
Name: Thendral Supermarket
Address: No 23/2, SBI Colony
City, State, ZIP: Ragavendra Nagar, Chennai - 600124
GSTIN: 33APFSDF1ZV
Contact: +91-7869825463
Email: purchase-team@thendral.com
---------------------------------------------------------------------------------------
Please enter the Ship To details:
Name: Thendral Supermarket
Address: No 23/2, SBI Colony
City, State, ZIP: Ragavendra Nagar, Chennai - 600124
GSTIN: 33APFSDF1ZV
Contact: +91-7869825463
Email: purchase-team@thendral.com
---------------------------------------------------------------------------------------
***************************************************** PRODUCT 1 *****************************************************
Please enter the product details:
Enter Product code: 105
Enter Product name: Surf Excel 5 kg
Enter HSN code: 34019011
Enter Quantity: 20
Enter Units: nos
Enter Rate: 600
Enter Tax(%): 5
---------------------------------------------------------------------------------------
***************************************************** PRODUCT 2 *****************************************************
Please enter the product details:
Enter Product code: 109
Enter Product name: Rin 1 kg
Enter HSN code: 34019011
Enter Quantity: 25
Enter Units: nos
Enter Rate: 85
Enter Tax(%): 5
---------------------------------------------------------------------------------------
```

```java
// OUTPUT OF THE INVOICE
System.out.println("\n\nBill To:                                        Ship To:");
System.out.println("------------------------------------------------------------------------------------------------------------------");
System.out.printf("%-65s %-54s||", bill_to_name, ship_to_name);
System.out.printf("\n%-65s %-54s||", bill_to_address, ship_to_address);
System.out.printf("\n%-65s %-54s||", bill_to_city, ship_to_city);
System.out.printf("\n%-65s %-54s||", bill_to_gstin, ship_to_gstin);
System.out.printf("\n%-65s %-54s||", bill_to_contact, ship_to_contact);
System.out.printf("\n%-65s %-54s||", bill_to_email, ship_to_email);
System.out.println("\n------------------------------------------------------------------------------------------------");
System.out.println("         Payment Date: & days from date of delivery              Payment terms: 100% against invoice");
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.println("S.No || Product Code ||   Product Name   || HSN code || Quantity || Units ||  Rate  || Tax ||  Amount  ||");
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 1  || %-12d || %-16s || %-8d || %-8.0f || %-5s || %-4.2f || %-3.0f || %-5.2f ||%n", product_1_code, product_1_name, product_1_hsn, product_1_quantity, product_1_units, p
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 2  || %-12d || %-16s || %-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_2_code, product_2_name, product_2_hsn, product_2_quantity, product_2_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 3  || %-12d || %-16s || %-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_3_code, product_3_name, product_3_hsn, product_3_quantity, product_3_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 4  || %-12d || %-16s || %-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_4_code, product_4_name, product_4_hsn, product_4_quantity, product_4_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 5  || %-12d || %-16s || %-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_5_code, product_5_name, product_5_hsn, product_5_quantity, product_5_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 6  || %-12d || %-16s || %-8d || %-8.0f || %-5s ||  %-5.2f || %-3.0f || %-8.2f ||%n", product_6_code, product_6_name, product_6_hsn, product_6_quantity, product_6_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf(" 7  || %-12d || %-16s || %-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_7_code, product_7_name, product_7_hsn, product_7_quantity, product_7_units,
System.out.println("--------------------------------------------------------------------------------------------------------");
System.out.printf("                                                         Total         || %-6.2f ||%n", sub_amount);
System.out.println("                                                                      ||----------||");
System.out.printf("                                                         Discounts     ||  %-6.2f ||%n", discount_amount);
System.out.println("                                                                      ||----------||");
System.out.printf("                                                         Grand Total   || %-6.2f ||%n", grand_total);
System.out.println("                                                      =====================||==========||");
System.out.println("                                              ");
System.out.println("--------------------------------------------------------------------------------------------------------");
```

```
                              Ship To:");
----------------------------------------------------------------------------");
p_to_name);
, ship_to_address);
ship_to_city);
ship_to_gstin);
, ship_to_contact);
ship_to_email);
----------------------------------------------------------------------------");
date of delivery            Payment terms: 100% against invoice");
----------------------------------------------------------------------------");
oduct Name    || HSN code || Quantity || Units ||  Rate  || Tax ||  Amount  ||");
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-4.2f || %-3.0f || %-5.2f ||%n", product_1_code, product_1_name, product_1_hsn, product_1_quantity, product_1_units, product_1_rate, product_1_tax, product_1_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_2_code, product_2_name, product_2_hsn, product_2_quantity, product_2_units, product_2_rate, product_2_tax, product_2_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_3_code, product_3_name, product_3_hsn, product_3_quantity, product_3_units, product_3_rate, product_3_tax, product_3_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_4_code, product_4_name, product_4_hsn, product_4_quantity, product_4_units, product_4_rate, product_4_tax, product_4_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_5_code, product_5_name, product_5_hsn, product_5_quantity, product_5_units, product_5_rate, product_5_tax, product_5_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_6_code, product_6_name, product_6_hsn, product_6_quantity, product_6_units, product_6_rate, product_6_tax, product_6_amount);
----------------------------------------------------------------------------");
-8d || %-8.0f || %-5s || %-5.2f || %-3.0f || %-8.2f ||%n", product_7_code, product_7_name, product_7_hsn, product_7_quantity, product_7_units, product_7_rate, product_7_tax, product_7_amount);
----------------------------------------------------------------------------");
                         Total          || %-6.2f ||%n", sub_amount);
                                        ||----------||");
                         Discounts      ||  %-6.2f ||%n", discount_amount);
                                        ||----------||");
                         Grand Total    || %-6.2f ||%n", grand_total);
                         =====================||=========||");
              ");
----------------------------------------------------------------------------");
```

```java
System.out.print("Enter Product name: ");
String product_7_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_7_hsn = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Quantity: ");
double product_7_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_7_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_7_rate = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Tax(%): ");
double product_7_tax = scanner.nextDouble();
scanner.nextLine();

// calculations for PRODUCT 7
double product_7_total = (product_7_quantity * product_7_rate);
double product_7_tax_amount = (product_7_total * (product_7_tax/100));
double product_7_amount = product_7_total + product_7_tax_amount;
scanner.nextLine();

System.out.println("-------------------------------------------------------------------------------------------------");

// SUBTOTAL, DISCOUNT AND GRAND TOTAL calculations
double sub_amount = product_1_amount + product_2_amount + product_3_amount + product_4_amount + product_5_amount + product_6_amount + product_7_amount;

float discount = (0.6368f/100);
double discount_amount = sub_amount * discount;

double grand_total = sub_amount - discount_amount;
```

```java
System.out.print("GSTIN: ");
String ship_to_gstin = scanner.nextLine();

System.out.print("Contact: ");
String ship_to_contact = scanner.nextLine();

System.out.print("Email: ");
String ship_to_email = scanner.nextLine();

System.out.println("--------------------------------------------------------------------------------------------------------------");

// input of PRODUCT 1 details.
System.out.println("************************************************* PRODUCT 1 *************************************************");
System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_1_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_1_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_1_hsn = scanner.nextInt();

System.out.print("Enter Quantity: ");
double product_1_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_1_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_1_rate = scanner.nextDouble();

System.out.print("Enter Tax(%): ");
double product_1_tax = scanner.nextDouble();
```

```java
int product_6_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_6_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_6_hsn = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Quantity: ");
double product_6_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_6_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_6_rate = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Tax(%): ");
double product_6_tax = scanner.nextDouble();
scanner.nextLine();

// calculations for PRODUCT 6
double product_6_total = (product_6_quantity * product_6_rate);
double product_6_tax_amount = (product_6_total * (product_6_tax/100));
double product_6_amount = product_6_total + product_6_tax_amount;
scanner.nextLine();

System.out.println("-------------------------------------------------------------------------");

// input of PRODUCT 7 details.
System.out.println("********************************************** PRODUCT 7 **********************************************");

System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_7_code = scanner.nextInt();
scanner.nextLine();
```

```java
// calculations for PRODUCT 2
double product_2_total = (product_2_quantity * product_2_rate);
double product_2_tax_amount = (product_2_total * (product_2_tax/100));
double product_2_amount = product_2_total + product_2_tax_amount;
scanner.nextLine();

System.out.println("------------------------------------------------------------------------------------------------");

// input of PRODUCT 3 details.
System.out.println("*********************************************** PRODUCT 3 ***********************************************");
System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_3_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_3_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_3_hsn = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Quantity: ");
double product_3_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_3_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_3_rate = scanner.nextDouble();

System.out.print("Enter Tax(%): ");
double product_3_tax = scanner.nextDouble();

// calculations for PRODUCT 3
double product_3_total = (product_3_quantity * product_3_rate);
double product_3_tax_amount = (product_3_total * (product_3_tax/100));
double product_3_amount = product_3_total + product_3_tax_amount;
scanner.nextLine();
```

```
Please enter the Bill To details:
Name: Thendral Supermarket
Address: No 23/2, SBI Colony
City, State, ZIP: Ragavendra Nagar, Chennai - 600124
GSTIN: 33APFSDF1ZV
Contact: +91-7869825463
Email: purchase-team@thendral.com
------------------------------------------------------------------------------------------
Please enter the Ship To details:
Name: Thendral Supermarket
Address: No 23/2, SBI Colony
City, State, ZIP: Ragavendra Nagar, Chennai - 600124
GSTIN: 33APFSDF1ZV
Contact: +91-7869825463
Email: purchase-team@thendral.com
------------------------------------------------------------------------------------------
*************************************************** PRODUCT 1 ***************************************************
Please enter the product details:
Enter Product code: 105
Enter Product name: Surf Excel 5 kg
Enter HSN code: 34019011
Enter Quantity: 20
Enter Units: nos
Enter Rate: 600
Enter Tax(%): 5
------------------------------------------------------------------------------------------
*************************************************** PRODUCT 2 ***************************************************
Please enter the product details:
Enter Product code: 109
Enter Product name: Rin 1 kg
Enter HSN code: 34019011
Enter Quantity: 25
Enter Units: nos
Enter Rate: 85
Enter Tax(%): 5
------------------------------------------------------------------------------------------
```

```
Bill To:                                           Ship To:
-------------------------------------------------------------------------------

Thendral Supermarket                               Thendral Supermarket          ||
No 23/2, SBI Colony                                No 23/2, SBI Colony           ||
Ragavendra Nagar, Chennai - 600124                 Ragavendra Nagar, Chennai - 600124  ||
33APFSDF1ZV                                        33APFSDF1ZV                   ||
+91-7869825463                                     +91-7869825463                ||
purchase-team@thendral.com                         purchase-team@thendral.com    ||
-------------------------------------------------------------------------------

     Payment Date: & days from date of delivery       Payment terms: 100% against invoice
-------------------------------------------------------------------------------
```

S.No	Product Code	Product Name	HSN code	Quantity	Units	Rate	Tax	Amount
1	105	Surf Excel 5 kg	34019011	20	nos	600.00	5	12600.00
2	109	Rin 1 kg	34019011	25	nos	85.00	5	2231.25
3	115	Hamam soap 150 g	34011100	25	nos	60.00	5	1575.00
4	120	Lux Soap 150 g	34011100	30	nos	53.00	5	1669.50
5	125	Dove soap 125 g	34011100	25	nos	75.00	5	1968.75
6	129	Vim bar 200 g	8109010	20	nos	15.00	5	315.00
7	131	Pepsodent 150 g	33061020	30	nos	85.00	18	3009.00

```
                                              Total       || 23368.50 ||
                                                          ||----------||
                                              Discounts   ||   148.81 ||
                                                          ||----------||
                                              Grand Total || 23219.69 ||
                                              ======================||=========||
```

```
*************************************************** PRODUCT 3 ***********************************************
Please enter the product details:
Enter Product code: 115
Enter Product name: Hamam soap 150 g
Enter HSN code: 34011100
Enter Quantity: 25
Enter Units: nos
Enter Rate: 60
Enter Tax(%): 5
-----------------------------------------------------------------------------------------------------------

*************************************************** PRODUCT 4 ***********************************************
Please enter the product details:
Enter Product code: 120
Enter Product name: Lux Soap 150 g
Enter HSN code: 34011100
Enter Quantity: 30
Enter Units: nos
Enter Rate: 53
Enter Tax(%): 5
-----------------------------------------------------------------------------------------------------------

*************************************************** PRODUCT 5 ***********************************************
Please enter the product details:
Enter Product code: 125
Enter Product name: Dove soap 125 g
Enter HSN code: 34011100
Enter Quantity: 25
Enter Units: nos
Enter Rate: 75
Enter Tax(%): 5


-----------------------------------------------------------------------------------------------------------
```

```java
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.println("----------------------------------------------------------------------");

        // input of BILL TO details.
        System.out.print("Please enter the Bill To details: \n");
        System.out.print("Name: ");
        String bill_to_name = scanner.nextLine();

        System.out.print("Address: ");
        String bill_to_address = scanner.nextLine();

        System.out.print("City, State, ZIP: ");
        String bill_to_city = scanner.nextLine();

        System.out.print("GSTIN: ");
        String bill_to_gstin = scanner.nextLine();

        System.out.print("Contact: ");
        String bill_to_contact = scanner.nextLine();

        System.out.print("Email: ");
        String bill_to_email = scanner.nextLine();

        System.out.println("----------------------------------------------------------------------");

        // input of SHIP TO details.
        System.out.print("Please enter the Ship To details: \n");
        System.out.print("Name: ");
        String ship_to_name = scanner.nextLine();

        System.out.print("Address: ");
        String ship_to_address = scanner.nextLine();

        System.out.print("City, State, ZIP: ");
        String ship_to_city = scanner.nextLine();
```

```java
System.out.println("------------------------------------------------------------------------------------------------------------");

// input of PRODUCT 4 details.
System.out.println("********************************************* PRODUCT 4 *********************************************");
System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_4_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_4_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_4_hsn = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Quantity: ");
double product_4_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_4_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_4_rate = scanner.nextDouble();

System.out.print("Enter Tax(%): ");
double product_4_tax = scanner.nextDouble();

// calculations for PRODUCT 4
double product_4_total = (product_4_quantity * product_4_rate);
double product_4_tax_amount = (product_4_total * (product_4_tax/100));
double product_4_amount = product_4_total + product_4_tax_amount;
scanner.nextLine();

System.out.println("------------------------------------------------------------------------------------------------------------");

// input of PRODUCT 5 details.
System.out.println("********************************************* PRODUCT 5 *********************************************");
System.out.println("Please enter the product details: ");
```

```java
System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_5_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_5_name = scanner.nextLine();

System.out.print("Enter HSN code: ");
int product_5_hsn = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Quantity: ");
double product_5_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_5_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_5_rate = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Tax(%): ");
double product_5_tax = scanner.nextDouble();
scanner.nextLine();

// calculations for PRODUCT 5
double product_5_total = (product_5_quantity * product_5_rate);
double product_5_tax_amount = (product_5_total * (product_5_tax/100));
double product_5_amount = product_5_total + product_5_tax_amount;
scanner.nextLine();

System.out.println("-------------------------------------------------------------------------------------------------------");

// input of PRODUCT 6 details.
System.out.println("*************************************************** PRODUCT 6 ***************************************************");
System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_6_code = scanner.nextInt();
```

```java
// calculations for PRODUCT 1
double product_1_total = (product_1_quantity * product_1_rate);
double product_1_tax_amount = (product_1_total * (product_1_tax/100));
double product_1_amount = product_1_total + product_1_tax_amount;
scanner.nextLine();

System.out.println("----------------------------------------------------------------------------------------------------");

// input of PRODUCT 2 details.
System.out.println("*********************************************** PRODUCT 2 ***********************************************");

System.out.println("Please enter the product details: ");
System.out.print("Enter Product code: ");
int product_2_code = scanner.nextInt();
scanner.nextLine();

System.out.print("Enter Product name: ");
String product_2_name = scanner.nextLine();



System.out.print("Enter HSN code: ");
int product_2_hsn = scanner.nextInt();

System.out.print("Enter Quantity: ");
double product_2_quantity = scanner.nextDouble();
scanner.nextLine();

System.out.print("Enter Units: ");
String product_2_units = scanner.nextLine();

System.out.print("Enter Rate: ");
double product_2_rate = scanner.nextDouble();

System.out.print("Enter Tax(%): ");
double product_2_tax = scanner.nextDouble();
```

```
********************************************* PRODUCT 6 *********************************************
Please enter the product details:
Enter Product code: 129
Enter Product name: Vim bar 200 g
Enter HSN code: 08109010
Enter Quantity: 20
Enter Units: nos
Enter Rate: 15
Enter Tax(%): 5


-----------------------------------------------------------------------------------------------
********************************************* PRODUCT 7 *********************************************
Please enter the product details:
Enter Product code: 131
Enter Product name: Pepsodent 150 g
Enter HSN code: 33061020
Enter Quantity: 30
Enter Units: nos
Enter Rate: 85
Enter Tax(%): 18


-----------------------------------------------------------------------------------------------
```