

A screenshot of a Microsoft Windows desktop environment. The main focus is a Microsoft Visual Studio Code (VS Code) window. The title bar shows the project name "assignment2" and the file name "main". The code editor displays a Java file named "Main.java". The code itself is a program that prompts the user for shipping information (GSTIN, contact, email), payment details (date, terms), product details (name, code, HSN code, price, quantity), and calculates a total value. The code uses System.out.print and System.out.println methods to interact with the user. The status bar at the bottom of the VS Code window shows the file path "assignment2 > src > Main > main", the encoding "UTF-8", and the line numbers "30:56 LF 4 spaces". Below the VS Code window is a taskbar with several pinned icons, including the Start button, a search bar, File Explorer, Edge browser, File Manager, Pinterest, YouTube, Microsoft Store, WhatsApp, Microsoft Teams, Spotify, and a Microsoft Word icon. The system tray on the right shows the date and time "10:08 PM 11/20/2025".

```
3  public class Main {  
4      public static void main(String[] args) {  
48          System.out.print("Enter the GSTIN to ship to:");  
49          gstin_2=input.nextLine();  
50          System.out.print("Enter the contact to ship to:");  
51          contact_2=input.nextLine();  
52          System.out.print("Enter the email to ship to:");  
53          email_2=input.nextLine();  
54  
55          System.out.print("Enter the payment date:");  
56          payment_date=input.nextLine();  
57          System.out.print("Enter payment terms: ");  
58          payment_terms=input.nextLine();  
59  
60          System.out.println("Enter the name of the first product you are buying:");  
61          surf_name=input.nextLine();  
62          System.out.println("Enter the product code of the first product you are buying:");  
63          surf_prod_code=input.nextInt();  
64          System.out.println("Enter the HSN code of the first product you are buying:");  
65          surf_hsn=input.nextInt();  
66          System.out.println("Enter the price of the first product you are buying:");  
67          surf_price=input.nextInt();  
68          System.out.println("Enter the quantity of the first product you are buying:");  
69          surf_qty=input.nextInt();  
70          input.nextLine();  
71  
72          double total_1=surf_price*surf_qty+(surf_price*surf_qty*tax);  
73      }  
    }
```

The screenshot shows a Java code editor with the following code:

```
public class Main {
    public static void main(String[] args) {
        double total_1=surf_price*surf_qty+(surf_price*surf_qty*tax);

        System.out.println("Enter the name of the second product you are buying:");
        rin_name=input.nextLine();
        System.out.println("Enter the product code of the second product you are buying:");
        rin_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the second product you are buying:");
        rin_hsn=input.nextInt();
        System.out.println("Enter the price of the second product you are buying:");
        rin_price=input.nextInt();
        System.out.println("Enter the quantity of the second product you are buying:");
        rin_qty=input.nextInt();
        input.nextLine();

        double total_2=rin_price*rin_qty+(rin_price*rin_qty*tax);

        System.out.println("Enter the name of the third product you are buying:");
        hamam_name=input.nextLine();
        System.out.println("Enter the product code of the third product you are buying:");
        hamam_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the third product you are buying:");
        hamam_hsn=input.nextInt();
        System.out.println("Enter the price of the third product you are buying:");
        hamam_price=input.nextInt();
        System.out.println("Enter the quantity of the third product you are buying:");
        hamam_qty=input.nextInt();
    }
}
```

The code is part of a Java application named 'Main'. It prompts the user for information about three products (second and third) and calculates their total prices including tax. The code uses standard Java input/output operations like `System.out.println` and `input.nextInt()`.

The screenshot shows a Java code editor with the following code:

```
public class Main {
    public static void main(String[] args) {
        System.out.println("Enter the name of the first product you are buying:");
        hamam_name=input.nextLine();
        System.out.println("Enter the product code of the first product you are buying:");
        hamam_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the first product you are buying:");
        hamam_hsn=input.nextInt();
        System.out.println("Enter the price of the first product you are buying:");
        hamam_price=input.nextInt();
        System.out.println("Enter the quantity of the first product you are buying:");
        hamam_qty=input.nextInt();
        input.nextLine();

        double total_1=hamam_price*hamam_qty+(hamam_price*hamam_qty*tax);

        System.out.println("Enter the name of the second product you are buying:");
        lux_name=input.nextLine();
        System.out.println("Enter the product code of the second product you are buying:");
        lux_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the second product you are buying:");
        lux_hsn=input.nextInt();
        System.out.println("Enter the price of the second product you are buying:");
        lux_price=input.nextInt();
        System.out.println("Enter the quantity of the second product you are buying:");
        lux_qty=input.nextInt();
        input.nextLine();

        double total_2=lux_price*lux_qty+(lux_price*lux_qty*tax);

        System.out.println("Enter the name of the third product you are buying:");
        hamam_name=input.nextLine();
        System.out.println("Enter the product code of the third product you are buying:");
        hamam_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the third product you are buying:");
        hamam_hsn=input.nextInt();
        System.out.println("Enter the price of the third product you are buying:");
        hamam_price=input.nextInt();
        System.out.println("Enter the quantity of the third product you are buying:");
        hamam_qty=input.nextInt();
        input.nextLine();

        double total_3=hamam_price*hamam_qty+(hamam_price*hamam_qty*tax);

        System.out.println("Enter the name of the fourth product you are buying:");
        lux_name=input.nextLine();
        System.out.println("Enter the product code of the fourth product you are buying:");
        lux_prod_code=input.nextInt();
        System.out.println("Enter the HSN code of the fourth product you are buying:");
        lux_hsn=input.nextInt();
        System.out.println("Enter the price of the fourth product you are buying:");
        lux_price=input.nextInt();
        System.out.println("Enter the quantity of the fourth product you are buying:");
        lux_qty=input.nextInt();
        input.nextLine();

        double total_4=lux_price*lux_qty+(lux_price*lux_qty*tax);
    }
}
```

The code is designed to calculate the total price of four different products, each with its own unique identifier and quantity. The tax rate is applied to each product's price.

A screenshot of a Windows operating system interface. In the foreground, a code editor window is open, displaying Java code for a program named 'Main'. The code handles input for six products, calculating total prices including tax. The code editor's status bar shows the file path: 'assignment2 > src > Main > main'. The bottom of the screen features the Windows taskbar, which includes icons for File Explorer, Edge browser, File Explorer, Pinterest, YouTube, Microsoft Store, WhatsApp, Microsoft Teams, Spotify, and a Microsoft Word document. The system tray shows the date and time as '11/20/2025 10:09 PM'.

```
3  public class Main {  
4      public static void main(String[] args) {  
114         double total_4=lux_price*lux_qty+(lux_price*lux_qty*tax);  
115  
116         System.out.println("Enter the name of the fifth product you are buying:");  
117         dove_name=input.nextLine();  
118         System.out.println("Enter the product code of the fifth product you are buying:");  
119         dove_prod_code=input.nextInt();  
120         System.out.println("Enter the HSN code of the fifth product you are buying:");  
121         dove_hsn=input.nextInt();  
122         System.out.println("Enter the price of the fifth product you are buying:");  
123         dove_price=input.nextInt();  
124         System.out.println("Enter the quantity of the fifth product you are buying:");  
125         dove_qty=input.nextInt();  
126         input.nextLine();  
127  
128         double total_5=dove_price*dove_qty+(dove_price*dove_qty*tax);  
129  
130         System.out.println("Enter the name of the sixth product you are buying:");  
131         vim_name=input.nextLine();  
132         System.out.println("Enter the product code of the sixth product you are buying:");  
133         vim_prod_code=input.nextInt();  
134         System.out.println("Enter the HSN code of the sixth product you are buying:");  
135         vim_hsn=input.nextInt();  
136         System.out.println("Enter the price of the sixth product you are buying:");  
137         vim_price=input.nextInt();  
138         System.out.println("Enter the quantity of the sixth product you are buying:");  
139         vim_qty=input.nextInt();
```

assignment2 main

Main.java

```
public class Main {
    public static void main(String[] args) {
        String header_form = "| %-8s | %-12s | %-28s | %-16s | %-16s | %-8s | %-16s | %-8s | %-16s | |\n";
        String data_form = "| %-8s | %-12d | %-28s | %-16d | %-16d | %-8s | %-16f | %-8f | %-16f |\n";
        String data_form1 = "%-120s %-14s | %-16f\n";
        final String separator = ("-----");
        final String separator1 = ("-----");
        final String bill_ship = "%-50s %-50s \n";
        System.out.printf(bill_ship, "bill to: ", "ship to: ");
        System.out.printf(separator);
        System.out.printf(bill_ship, supermarket_1, supermarket_2);
        System.out.printf(bill_ship, colony_1, colony_2);
        System.out.printf(bill_ship, name_1, name_2);
        System.out.printf(bill_ship, gstin_1, gstin_2);
        System.out.printf(bill_ship, contact_1, contact_2);
        System.out.printf(bill_ship, email_1, email_2);
        System.out.printf(separator);
        System.out.printf(bill_ship, payment_date, payment_terms);
        System.out.printf(separator);
        System.out.printf(header_form, "S.No", "Product Code", "Product Name", "HSN Code", "Quantity", "Units", "Rate", "Tax", "Amount" );
        System.out.printf(separator);
        System.out.printf(data_form, "1", surf_prod_code, surf_name, surf_hsn, surf_qty, units, surf_price, tax, total_1 );
        System.out.printf(separator);
        System.out.printf(data_form, "2", rin_prod_code, rin_name, rin_hsn, rin_qty, units, rin_price, tax, total_2 );
        System.out.printf(separator);
        System.out.printf(data_form, "3", hamam_prod_code, hamam_name, hamam_hsn, hamam_qty, units, hamam_price, tax, total_3 );
    }
}
```

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Search

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assignment2 ~ main ~

Main.java

```
public class Main {
    public static void main(String[] args) {
        System.out.printf(separator);
        System.out.printf(header_form, "S.No", "Product Code", "Product Name", "HSN Code", "Quantity", "Units", "Rate", "Tax", "Amount" );
        System.out.printf(separator);
        System.out.printf(data_form, "1", surf_prod_code, surf_name, surf_hsn, surf_qty, units, surf_price, tax, total_1 );
        System.out.printf(separator);
        System.out.printf(data_form, "2", rin_prod_code, rin_name, rin_hsn, rin_qty, units, rin_price, tax, total_2 );
        System.out.printf(separator);
        System.out.printf(data_form, "3", hamam_prod_code, hamam_name, hamam_hsn, hamam_qty, units, hamam_price, tax, total_3 );
        System.out.printf(separator);
        System.out.printf(data_form, "4", lux_prod_code, lux_name, lux_hsn, lux_qty, units, lux_price, tax, total_4 );
        System.out.printf(separator);
        System.out.printf(data_form, "5", dove_prod_code, dove_name, dove_hsn, dove_qty, units, dove_price, tax, total_5 );
        System.out.printf(separator);
        System.out.printf(data_form, "6", vim_prod_code, vim_name, vim_hsn, vim_qty, units, vim_price, tax, total_6 );
        System.out.printf(separator);
        System.out.printf(data_form, "7", pep_prod_code, pep_name, pep_hsn, pep_qty, units, pep_price, pep_tax, total_7);
        System.out.println(separator);
        System.out.printf(data_form1, " ", "Total", total_price);
        System.out.println(separator1);
        System.out.printf(data_form1, " ", "Discounts", discounts);
        System.out.println(separator1);
        System.out.printf(data_form1, " ", "Grand Total", final_amount);
        System.out.println(separator1);
    }
}
```

Current File ~

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assignment2 > src > Main > main

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