Class   Edit   Tools   Options

OrderForm ✕

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Source Code

```java
/**
 * Assignment 1 for ECE 373.
 * Jimmy Payan
 * September 7, 2024
 */
// class utilizations
import javax.swing.JOptionPane;
import java.util.Scanner;

public class OrderForm
{
    public static void main(String[] args)
    {
        // initialise instance variables
        int Outlet_120V_5A_Quantity = 0;
        int Outlet_1Phase_20A_Quantity = 0;
        int Outlet_3Phase_20A_Quantity = 0;

        double Outlet_120V_5A_Price = 144.82;
        double Outlet_1Phase_20A_Price = 392.26;
        double Outlet_3Phase_20A_Price = 525.83;

        double item1_Cost = 0;
        double item2_Cost = 0;
        double item3_Cost = 0;

        double tax_Rate = 0.086;
        double pretax_Cost = 0;
        double tax_Cost = 0;
        double posttax_Cost = 0;

        Scanner temp = new Scanner(System.in);
        String customer;
```

Class compiled - no syntax errors   saved

```
'jimmy' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\epicj\Desktop\ECE-373\Assignment-1>javac OrderForm.java

C:\Users\epicj\Desktop\ECE-373\Assignment-1>java OrderForm
Enter customer name:Pretax cost is $0.00.
Tax is 0.00.
java.util.Scanner[delimiters=\p{javaW                    lse][need input=false][source closed=false][
skipped=false][group separator=\x{2c}                    refix=][negative prefix=\Q-\E][positive suffi
x=][negative suffix=][NaN string=\QNa                     is $0.00.
The digit that corresponds to the hun
C:\Users\epicj\Desktop\ECE-373\Assign
'jimmty' is not recognized as an inte
operable program or batch file.
```

Message

> Pretax cost is $2506.83.
>
> Tax is $215.59.
>
> Jimmy, your total is $2722.42.
>
> The digit that corresponds to the hundreds digit is 7

OK

```
C:\Users\epicj\Desktop\ECE-373\Assignment-1>java OrderForm
Enter customer name:Jimmy
Pretax cost is $1062.91.
Tax is 91.41.
Jimmy, your total is $1154.32.
The digit that corresponds to the hundreds digit is 1
C:\Users\epicj\Desktop\ECE-373\Assignment-1>java OrderForm
Enter customer name:Jimmy
Pretax cost is $2506.83.
Tax is 215.59.
Jimmy, your total is $2722.42.
The digit that corresponds to the hundreds digit is 7
```

```java
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 * Jimmy Payan
 * September 7, 2024
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    double item1_Cost = 0;
    double item2_Cost = 0;
    double item3_Cost = 0;

    double tax_Rate = 0.086;
    double pretax_Cost = 0;
    double tax_Cost = 0;
    double posttax_Cost = 0;

    Scanner temp = new Scanner(System.in);
    String customer;

    JOptionPane.showMessageDialog
    (null, "Welcome to Medtrade West Purchase Order. \nEnter customer name in Command Prompt.");
    System.out.printf("Enter customer name:");
    customer = temp.nextLine();

    // Dialog Boxes
    Outlet_120V_5A_Quantity = Integer.parseInt(JOptionPane.showInputDialog(
    "Enter quantity of 120V Motor & Equipment Outlet(s), 5A for " + Outlet_120V_5A_Price + " each:"));
    Outlet_1Phase_20A_Quantity = Integer.parseInt(JOptionPane.showInputDialog(
    "Enter quantity of 1 Phase 208VAC 60 Cycle Outlet(s), 20A, for $" + Outlet_1Phase_20A_Price + " each:"));
    Outlet_3Phase_20A_Quantity = Integer.parseInt(JOptionPane.showInputDialog(
    "Enter quantity of 3 Phase 208VAC 60 Cycle Outlet(s), 20A, for $" + Outlet_3Phase_20A_Price + " each:"));

    item1_Cost = Outlet_120V_5A_Price * Outlet_120V_5A_Quantity;
    item2_Cost = Outlet_1Phase_20A_Price * Outlet_1Phase_20A_Quantity;
    item3_Cost = Outlet_3Phase_20A_Price * Outlet_3Phase_20A_Quantity;

    pretax_Cost = item1_Cost + item2_Cost + item3_Cost;
    tax_Cost = pretax_Cost * tax_Rate;
    posttax_Cost = pretax_Cost + tax_Cost;

    System.out.printf(
    "Pretax cost is $%.2f.\nTax is %.2f.\n%s, your total is $%.2f.\nThe digit that corresponds to the hundreds digit is %.0f",
    pretax_Cost, tax_Cost, customer, posttax_Cost,
    ((posttax_Cost % 1000) - (posttax_Cost % 100)) / 100
    );

    JOptionPane.showMessageDialog(null,
    "Pretax cost is $" + String.format("%.2f", pretax_Cost) +
    ".\nTax is $" + String.format("%.2f", tax_Cost) +
    ".\n" + customer +
    ", your total is $" + String.format("%.2f", posttax_Cost) +
    ".\nThe digit that corresponds to the hundreds digit is " +
    String.format("%.0f" , ((posttax_Cost % 1000) - (posttax_Cost % 100)) / 100) );
    }
}
```

1. Lines 15 - 33
2. Line 59
3. Lines 48 - 54
4. Lines 37, 56
5. Lines 32, 38
6. Line 36, 62
7. Lines 41 - 46
8. Lines 63 - 68
9. Lines 37, 56
10. Lines 1-5, 6, 14, 40