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Frames

## Class FinalizeOrderFrame

```
java.lang.Object
  java.awt.Component
    java.awt.Container
      java.awt.Window
        java.awt.Frame
          javax.swing.JFrame
            Frames.FinalizeOrderFrame
```

### All Implemented Interfaces:

[java.awt.image.ImageObserver](#), [java.awt.MenuContainer](#), [java.io.Serializable](#),  
[javax.accessibility.Accessible](#), [javax.swing.RootPaneContainer](#), [javax.swing.WindowConstants](#)

```
public class FinalizeOrderFrame
extends javax.swing.JFrame
```

FinalizeOrderFrame is the final frame that appears in this program. This frame appears when the user decides that they are satisfied with their order and want to pay for their order. Contains labels to display how much the user must pay, and updates the amount due until they pay a sufficient amount. Also, contains a text area to display the receipt, and text field to enter payment, and a pay button to submit payment. Finally, it formats the String output nicely in modern receipt format.

### Since:

- 2019-03-17

### See Also:

[Serialized Form](#)

### *Nested Class Summary*

#### **Nested classes/interfaces inherited from class javax.swing.JFrame**

[javax.swing.JFrame.AccessibleJFrame](#)

#### **Nested classes/interfaces inherited from class java.awt.Frame**

[java.awt.Frame.AccessibleAWTFrame](#)

#### **Nested classes/interfaces inherited from class java.awt.Window**

[java.awt.Window.AccessibleAWTWindow](#), [java.awt.Window.Type](#)

### Nested classes/interfaces inherited from class `java.awt.Container`

`java.awt.Container.AccessibleAWTContainer`

### Nested classes/interfaces inherited from class `java.awt.Component`

`java.awt.Component.AccessibleAWTComponent`, `java.awt.Component.BaselineResizeBehavior`,  
`java.awt.Component.BltBufferStrategy`, `java.awt.Component.FlipBufferStrategy`

## Field Summary

### Fields inherited from class `javax.swing.JFrame`

`accessibleContext`, `EXIT_ON_CLOSE`, `rootPane`, `rootPaneCheckingEnabled`

### Fields inherited from class `java.awt.Frame`

`CROSSHAIR_CURSOR`, `DEFAULT_CURSOR`, `E_RESIZE_CURSOR`, `HAND_CURSOR`, `ICONIFIED`,  
`MAXIMIZED_BOTH`, `MAXIMIZED_HORIZ`, `MAXIMIZED_VERT`, `MOVE_CURSOR`, `N_RESIZE_CURSOR`,  
`NE_RESIZE_CURSOR`, `NORMAL`, `NW_RESIZE_CURSOR`, `S_RESIZE_CURSOR`, `SE_RESIZE_CURSOR`,  
`SW_RESIZE_CURSOR`, `TEXT_CURSOR`, `W_RESIZE_CURSOR`, `WAIT_CURSOR`

### Fields inherited from class `java.awt.Component`

`BOTTOM_ALIGNMENT`, `CENTER_ALIGNMENT`, `LEFT_ALIGNMENT`, `RIGHT_ALIGNMENT`, `TOP_ALIGNMENT`

### Fields inherited from interface `javax.swing.WindowConstants`

`DISPOSE_ON_CLOSE`, `DO_NOTHING_ON_CLOSE`, `HIDE_ON_CLOSE`

### Fields inherited from interface `java.awt.image.ImageObserver`

`ABORT`, `ALLBITS`, `ERROR`, `FRAMEBITS`, `HEIGHT`, `PROPERTIES`, `SOMEBITS`, `WIDTH`

## Constructor Summary

### Constructors

#### Constructor and Description

`FinalizeOrderFrame`(double finalCost, `java.util.ArrayList<Item>` orders)

## Method Summary

## All Methods    Instance Methods    Concrete Methods

Modifier and Type	Method and Description
void	<b>createComponents</b> (double finalCost, java.util.ArrayList<Item> orders)

### Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

### Methods inherited from class java.awt.Frame

addNotify, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, remove, removeNotify, setBackground, setCursor, setExtendedState, setMaximizedBounds, setMenuBar, setOpacity, setResizable, setShape, setState, setTitle, setUndecorated

### Methods inherited from class java.awt.Window

addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getBackground, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOpacity, getOwnedWindows, getOwner, getOwnerlessWindows, getShape, getToolkit, getType, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isAutoRequestFocus, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isOpaque, isShowing, isValidRoot, pack, paint, postEvent, processEvent, processWindowFocusEvent, processWindowStateEvent, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setAutoRequestFocus, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImages, setLocation, setLocation, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setType, setVisible, show, toBack, toFront

### Methods inherited from class java.awt.Container

add, add, add, add, add, addContainerListener, applyComponentOrientation, areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getComponentZOrder,

getContainerListeners, getFocusTraversalPolicy, getInsets, getLayout, getMaximumSize, getMinimumSize, getMousePosition, getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list, locate, minimumSize, paintComponents, preferredSize, print, printComponents, processContainerEvent, remove, removeAll, removeContainerListener, setComponentZOrder, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, transferFocusDownCycle, validate, validateTree

### Methods inherited from class java.awt.Component

action, add, addComponentListener, addFocusListener, addHierarchyBoundsListener, addHierarchyListener, addInputMethodListener, addKeyListener, addMouseListener, addMouseMotionListener, addMouseWheelListener, bounds, checkImage, checkImage, coalesceEvents, contains, contains, createImage, createImage, createVolatileImage, createVolatileImage, disable, disableEvents, dispatchEvent, enable, enable, enableEvents, enableInputMethods, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, firePropertyChange, getBaseline, getBaselineResizeBehavior, getBounds, getBounds, getColorModel, getComponentListeners, getComponentOrientation, getCursor, getDropTarget, getFocusListeners, getFocusTraversalKeysEnabled, getFont, getFontMetrics, getForeground, getGraphicsConfiguration, getHeight, getHierarchyBoundsListeners, getHierarchyListeners, getIgnoreRepaint, getInputMethodListeners, getInputMethodRequests, getListeners, getLocation, getLocation, getLocationOnScreen, getMouseListeners, getMouseMotionListeners, getMousePosition, getMouseWheelListeners, getName, getParent, getPeer, getPropertyChangeListeners, getPropertyChangeListeners, getSize, getSize, getTreeLock, getWidth, getX, getY, gotFocus, handleEvent, hasFocus, imageUpdate, inside, isBackgroundSet, isCursorSet, isDisplayable, isDoubleBuffered, isEnabled, isFocusable, isFocusOwner, isFocusTraversable, isFontSet, isForegroundSet, isLightweight, isMaximumSizeSet, isMinimumSizeSet, isPreferredSizeSet, isValid, isVisible, keyDown, keyUp, list, list, list, location, lostFocus, mouseDown, mouseDrag, mouseEnter, mouseExit, mouseMove, mouseUp, move, nextFocus, paintAll, prepareImage, prepareImage, printAll, processComponentEvent, processFocusEvent, processHierarchyBoundsEvent, processHierarchyEvent, processInputMethodEvent, processKeyEvent, processMouseEvent, processMouseMotionEvent, processMouseWheelEvent, removeComponentListener, removeFocusListener, removeHierarchyBoundsListener, removeHierarchyListener, removeInputMethodListener, removeKeyListener, removeMouseListener, removeMouseMotionListener, removeMouseWheelListener, removePropertyChangeListener, removePropertyChangeListener, repaint, repaint, repaint, requestFocus, requestFocus, requestFocusInWindow, requestFocusInWindow, resize, resize, revalidate, setComponentOrientation, setDropTarget, setEnabled, setFocusable, setFocusTraversalKeysEnabled, setForeground, setIgnoreRepaint, setLocale, setMaximumSize, setName, setPreferredSize, show, size, toString, transferFocus, transferFocusBackward, transferFocusUpCycle

### Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

**Methods inherited from interface `java.awt.MenuContainer`**

`getFont`, `postEvent`

***Constructor Detail*****FinalizeOrderFrame**

```
public FinalizeOrderFrame(double finalCost,  
                           java.util.ArrayList<Item> orders)
```

***Method Detail*****createComponents**

```
public void createComponents(double finalCost,  
                             java.util.ArrayList<Item> orders)
```

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