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Frames

Class InitialFrame

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

All Implemented Interfaces:

```
java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable,
javax.accessibility.Accessible, javax.swing.RootPaneContainer, javax.swing.WindowConstants
```

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

InitialFrame is the first frame that appears in the program. Furthermore, it can be considered the "main frame" because once the user purchases an item, they return back to this frame, which allows them to either purchase more items, pay for their order, or, in the case that they decide not to buy anything, exit the program without purchasing an item. Contains buttons that allow the user to purchase coffee, tea, or pastries, and a done button to either pay for their order or exit the program. 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

`InitialFrame`(boolean purchase, `DrinkItem` drink, `PastryItem` pastry)

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
void	<code>createComponents(DrinkItem drinkOrders, PastryItem pastryOrders)</code>

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, getKeyListeners, 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**InitialFrame**

```
public InitialFrame(boolean purchase,  
                    DrinkItem drink,  
                    PastryItem pastry)
```

Method Detail**createComponents**

```
public void createComponents(DrinkItem drinkOrders,  
                             PastryItem pastryOrders)
```

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