Java Standard Library API Handout

This handout should provide all the information you would need to look up when writing the code you may wish to write in your answers.

```
public interface Comparator<T>
```

- `int compare(T o1, T o2)` returns same as `o1.compareTo(o2)` from `Comparable<T>`

```
public class DefaultListModel<E> extends AbstractListModel<E>
```

- `public DefaultListModel()`

- `public void addElement(E element)`

```
public class JLabel extends JComponent
```

- `public JLabel()`

- `public JLabel(String text)`

- `public String getText()`

```
public class JOptionPane extends JComponent
```

- `public static void showMessageDialog(Component parent, Object message)`

- `public static String showInputDialog(Component parent, Object message)`

- `public static int showConfirmDialog(Component parent, Object message)` returns an `int` indicating a yes or no answer.

- `public static final int YES_OPTION`

- `public static final int NO_OPTION`

```
public class BorderLayout extends Object implements LayoutManager
```

- `public static String CENTER`

- `public static String NORTH`

- `public static String EAST`

- `public static String SOUTH`

- `public static String WEST`

```
public class Container extends Component
```

- `public Component add(Component comp, int index)`

- `public void add(Component comp, Object constraints)` - constraints is an object expressing constraints for this component (like where it goes)

```
public class Window extends Container
public class Frame extends Window
public class JFrame extends Frame
```