**YouTube tutorial 34-37 – Building a simple browser**

**Personal note**:

* There’s no need to import everything from the start, since ctrl+shift+o can automatically import the necessary parts.
* JTextField, JEditorPane are first declared, then given memory through keyword **new** inside the constructor.

**2nd class – secondclass.java:**

**import** java.awt.BorderLayout;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.JEditorPane;

**import** javax.swing.JFrame;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTextField;

**import** javax.swing.event.HyperlinkEvent;

**import** javax.swing.event.HyperlinkListener;

**public** **class** secondclass **extends** JFrame {

**private** JTextField addressBar;

**private** JEditorPane display;

//constructor

**public** secondclass(){

**super**("Kenny's browser");

addressBar=**new** JTextField("Enter a URL bro!");

addressBar.addActionListener(

**new** ActionListener(){

**public** **void** actionPerformed(ActionEvent event){

loadCrap(event.getActionCommand());

}

}

);

add(addressBar, BorderLayout.*NORTH*);

display = **new** JEditorPane();

display.setEditable(**false**);

display.addHyperlinkListener(

**new** HyperlinkListener(){

**public** **void** hyperlinkUpdate(HyperlinkEvent event){

**if**(event.getEventType()==HyperlinkEvent.EventType.*ACTIVATED*){

loadCrap(event.getURL().toString());

}

}

}

);

add(**new** JScrollPane(display), BorderLayout.*CENTER*);

setSize(500,300);

setVisible(**true**);

}

//load crap to display on the screen

**private** **void** loadCrap(String userText){

**try**{

display.setPage(userText);

addressBar.setText(userText);

}**catch**(Exception e){

System.*out*.println("Crap!");

}

}

}

**1st class – apples.java:**

**import** javax.swing.JFrame;

**class** apples {

**public** **static** **void** main(String args[]) {

secondclass dude = **new** secondclass();

dude.setDefaultCloseOperation(JFrame.*EXIT\_ON\_CLOSE*);

}

}

Results: