import java.awt.\*;

import javax.swing.\*;

import java.awt.event.\*;

public class CharCount extends JFrame implements ActionListener{

JLabel lb1,lb2;

JTextArea ta;

JButton b;

JButton pad,text;

CharCount(){

super("Char Word Count Tool - JTP");

lb1=new JLabel("Characters: ");

lb1.setBounds(50,50,100,20);

lb2=new JLabel("Words: ");

lb2.setBounds(50,80,100,20);

ta=new JTextArea();

ta.setBounds(50,110,300,200);

b=new JButton("click");

b.setBounds(50,320, 80,30);//x,y,w,h

b.addActionListener(this);

pad=new JButton("Pad Color");

pad.setBounds(140,320, 110,30);//x,y,w,h

pad.addActionListener(this);

text=new JButton("Text Color");

text.setBounds(260,320, 110,30);//x,y,w,h

text.addActionListener(this);

add(lb1);add(lb2);add(ta);add(b);add(pad);add(text);

setSize(400,400);

setLayout(null);//using no layout manager

setVisible(true);

setDefaultCloseOperation(EXIT\_ON\_CLOSE);

}

public void actionPerformed(ActionEvent e){

if(e.getSource()==b){

String text=ta.getText();

lb1.setText("Characters: "+text.length());

String words[]=text.split("\\s");

lb2.setText("Words: "+words.length);

}else if(e.getSource()==pad){

Color c=JColorChooser.showDialog(this,"Choose Color",Color.BLACK);

ta.setBackground(c);

}else if(e.getSource()==text){

Color c=JColorChooser.showDialog(this,"Choose Color",Color.BLACK);

ta.setForeground(c);

}

}

public static void main(String[] args) {

new CharCount();

}}