```java
package WordCounter;

import java.awt.Color;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.JButton;
import javax.swing.JColorChooser;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JTextArea;

public class Wordcounter extends JFrame implements ActionListener {

        JLabel lb1,lb2 ;
        JTextArea ta ;
        JButton b ;
        JButton pad ,text ;

        Wordcounter(){
                super("character And word Counter ");

                lb1 = new JLabel("character : ");
                lb1.setBounds (50,50 , 100,20);

                lb2 = new JLabel("word");
                lb2.setBounds(50,80,100,20);

                ta= new JTextArea();
                ta.setBounds(50,110,300 ,200);
```

```java
            b= new JButton("click");

            b.setBounds(50,320,80 ,20);

            b.addActionListener(this);


            pad= new JButton("pad color");

            pad.setBounds(140,320,110 ,30);

            pad.addActionListener(this);



            text = new JButton("Text color");

            ta.setBounds(260,320,110 ,30);

            text.addActionListener(this);



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



            setSize(400,400);

            setLayout(null);
    setVisible(true);
    setDefaultCloseOperation(EXIT_ON_CLOSE);


        }


    public void actionPerformed(ActionEvent e) {
            // TODO Auto-generated method stub
            if(e.getSource()==b) {
                    String text =ta.getText();
                    lb1.setText("Charecter : "+ text.length());

                    String word[]=text.split("\\s");
                    lb2.setText("Word : "+ word.length);
```

```java
            }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.setBackground(c);

            }


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

            new Wordcounter();

    }
}
```