import java.awt.\*;

import java.awt.event.\*;

import java.applet.\*;

public class calc extends Applet implements ActionListener

{

TextField t1;

Button b1, b2, b3, b4, b5, b6, b7, b8, b9, b0;

Button b10, b11, b12, b13, b14, b15;

String msg = "", tmp;

int a, b;

Label l=new Label("CALCULATOR");

public void init() {

setLayout(null);

t1 = new TextField(20);

b1 = new Button("1");

b2 = new Button("2");

b3 = new Button("3");

b4 = new Button("4");

b5 = new Button("5");

b6 = new Button("6");

b7 = new Button("7");

b8 = new Button("8");

b9 = new Button("9");

b0 = new Button("0");

b10 = new Button("+");

b11 = new Button("-");

b12 = new Button("/");

b13 = new Button("\*");

b14 = new Button("C");

b15 = new Button("=");

add(l);

add(t1);

add(b7);

add(b8);

add(b9);

add(b12);

add(b4);

add(b5);

add(b6);

add(b13);

add(b1);

add(b2);

add(b3);

add(b11);

add(b14);

add(b0);

add(b15);

add(b10);

b0.addActionListener(this);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

b4.addActionListener(this);

b5.addActionListener(this);

b6.addActionListener(this);

b7.addActionListener(this);

b8.addActionListener(this);

b9.addActionListener(this);

b10.addActionListener(this);

b11.addActionListener(this);

b12.addActionListener(this);

b13.addActionListener(this);

b14.addActionListener(this);

b15.addActionListener(this);

l.setBounds(10,10,170,20);

t1.setBounds(30, 30, 200, 40);

b7.setBounds(30, 80, 44, 44);

b8.setBounds(82, 80, 44, 44);

b9.setBounds(134, 80, 44, 44);

b4.setBounds(30, 132, 44, 44);

b5.setBounds(82, 132, 44, 44);

b6.setBounds(134, 132, 44, 44);

b1.setBounds(30, 184, 44, 44);

b2.setBounds(82, 184, 44, 44);

b3.setBounds(134, 184, 44, 44);

b14.setBounds(30, 236, 44, 44);

b0.setBounds(82, 236, 44, 44);

b15.setBounds(134, 236, 44, 44);

b10.setBounds(186, 236, 44, 44);

b11.setBounds(186, 184, 44, 44);

b13.setBounds(186, 132, 44, 44);

b12.setBounds(186, 80, 44, 44);

}

public void actionPerformed(ActionEvent ae) {

String str = ae.getActionCommand();

if (str.equals("+") || str.equals("-") || str.equals("\*") || str.equals("/")) {

String str1 = t1.getText();

tmp = str;

a = Integer.parseInt(str1);

msg = "";

} else if (str.equals("=")) {

String str2 = t1.getText();

b = Integer.parseInt(str2);

int sum = 0;

if (tmp == "+")

sum = a + b;

else if (tmp == "-")

sum = a - b;

else if (tmp == "\*")

sum = a \* b;

else if (tmp == "/")

sum = a / b;

String str1 = String.valueOf(sum);

t1.setText("" + str1);

msg = "";

}

else if(str.equals("C"))

{

t1.setText("");

}

else

{

msg += str;

t1.setText("" + msg);

}

}

public void paint(Graphics g)

{

}

}

/\*<applet code="calc.class" height=300 width=300>

</applet>\*/