import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

//import java.beans.PropertyChangeListener;

import javax.swing.\*;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JTextField;

class liketaxi implements ActionListener{

 static JFrame f;

 static JButton b,b1,b2,b3,help;

 static JTextField t,t1,k,t2;

Double sum=0.0,waite=0.0,end=0.0;

boolean stat=true,wait=true;

 int w=0;

 public static void main(String[] args)

 {

 liketaxi m=new liketaxi();

 m.method();

 }

 public void method()

 {

 f=new JFrame("count");

 f.setVisible(true);

 f.pack();

 f.setLayout(null);

 f.setBounds(20,20,700,600);

 b=new JButton("start");

 b.setBounds(20,20,100,100);

 t=new JTextField();

 t.setBounds(100,200,250,70);

 f.add(t);

 f.add(b);

 t1=new JTextField();

 t1.setBounds(400,200,250,70);

 // b.addActionListener(this);

 b1=new JButton("wait");

 b.addActionListener(this);

 b1.setBounds(300,20,100,100);

 f.add(b1);

 f.add(t1);

 b1.addActionListener(this);

 b2=new JButton("stop");

 b2.setBounds(500,20,100,100);

 b2.addActionListener(this);

 f.add(b2);

 t2=new JTextField();

 t2.setBounds(300,300,100,70);

 f.add(t2);

 b3=new JButton("clear");

 b3.setBounds(450,300,100,70);

 f.add(b3);

 t.setBackground(Color.red);

 b.setBackground(Color.blue);

 b1.setBackground(Color.yellow);

 b2.setBackground(Color.red);

 help=new JButton("help");

 help.setBounds(200,500,100,50);

 help.addActionListener(new ActionListener() {

 public void actionPerformed(ActionEvent e) {

 JFrame f1=new JFrame("help");

 JLabel l=new JLabel("mohamed senan alnaimi");

 JLabel l2=new JLabel("the simple program taxi");

 JLabel l3=new JLabel("msalnahmi@yahoo.com");

 JLabel l4=new JLabel("alnaimi-2009@hotmail.com");

 f1.setVisible(true);

 f1.setSize(300,500);

 f1.setLayout(null);

 l.setBounds(10,10,200,200);

 l2.setBounds(10,70,200,200);

 l3.setBounds(10,120,200,200);

 l4.setBounds(10,200,200,200);

 f1.add(l);

 f1.add(l2);

 f1.add(l3);

 f1.add(l4);

 }

 });

 f.add(help);

 t1.setBackground(Color.red);

 t2.setBackground(Color.red);

 b3.addActionListener(this);

 // t.setFont(new Font("",Font.ITALIC,30));

 // t1.setFont(new Font("",Font.ITALIC,30));

 // t2.setFont(new Font("",Font.ITALIC,30));

 }

 int c=0;

 public void actionPerformed(ActionEvent e) {

 if(e.getSource()==b)

 {

 wait=false;

 stat=true; stat();

 }

 ////////////////////////////////////

 //stop Button

 if(e.getSource()==b1)

 {wait=true;

 stop();

 waiting();

 }

 if(e.getSource()==b3)

 {sum=0.0;

 waite=0.0;

 clear();

 }

 if(e.getSource()==b2)

 {

 stop();

 Double end=waite+sum;

 t.setText( end.toString());

 t1.setText(end.toString());

 t2.setText(end.toString());

 sum=0.0;

 waite=0.0;

 wait=false;

 }

 }

private void stat()

{//System.out.println("start");

 w++;

 ActionListener start=new ActionListener() {

 public void actionPerformed(ActionEvent e) {

 if(stat==true)

 {

 try { t.setText((sum).toString());

 sum+=5;

 Thread.sleep(2000);

 } catch (InterruptedException ex) {

 ex.printStackTrace();

 }

 }}

 };

 if(stat==true){new Timer(2000,start).start();

 }

}

private void stop()

{//System.out.println("stop");

 stat=false;

 ActionListener stop=new ActionListener() {

 public void actionPerformed(ActionEvent e) {

 t.setText(end.toString());

 }

 }; new Timer(2000,stop).stop();

 //new Timer(2000,stop).restart();

}

private void waiting()

{

 ActionListener start=new ActionListener() {

 public void actionPerformed(ActionEvent e) {

 if(wait==true){

 try { t1.setText(waite.toString());

 waite+=5;

 Thread.sleep(3000);

 } catch (InterruptedException ex) {

 ex.printStackTrace();

 }

 }}

 };new Timer((4000),start).start();

}

public void clear()

{

 Double sum=0.0,end=0.0;

//System.out.println("stop");

 t.setText(end.toString());

 t1.setText(end.toString());

 t2.setText(end.toString());

}

}



