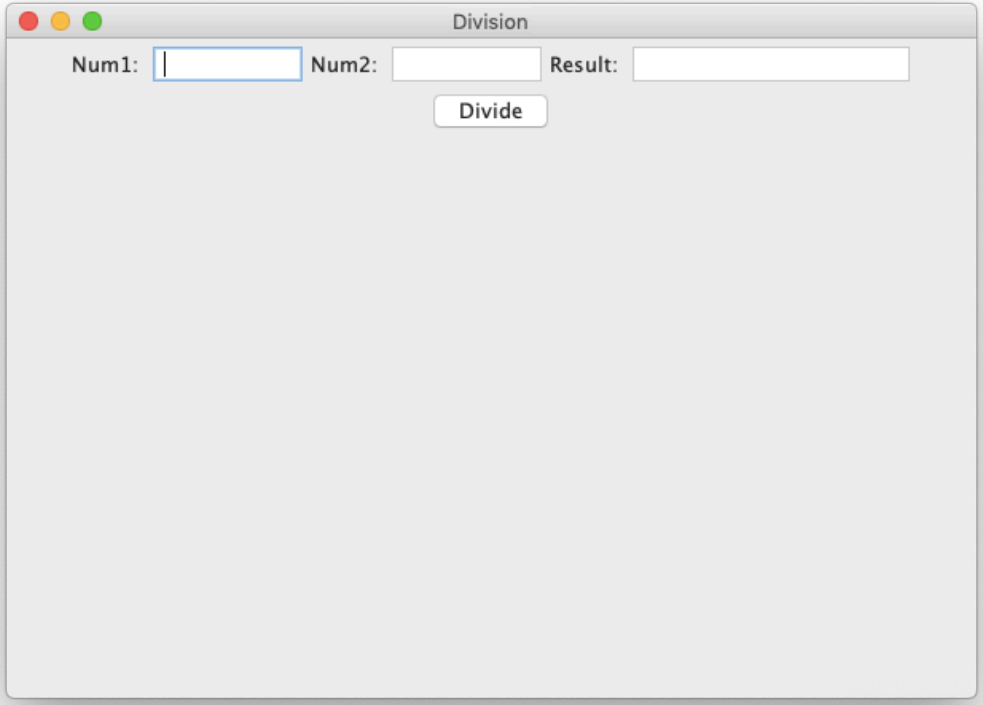
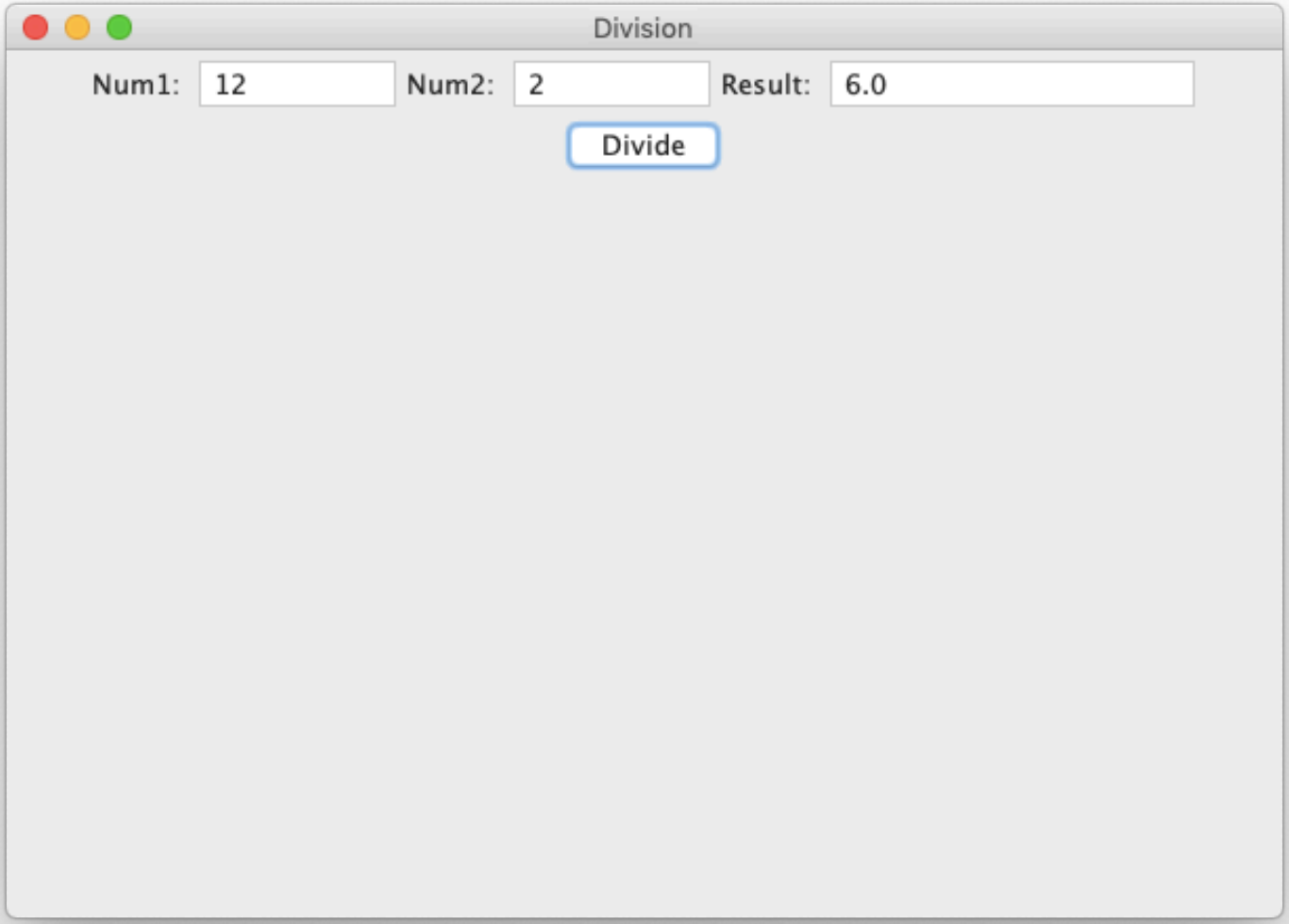
```
import java.awt.*;
import java.awt.event.*;
public class oop10 extends Frame implements ActionListener
{
	Button b;
	TextField n1, n2, r;
	public oop10()
	{
		setLayout(new FlowLayout());
		b=new Button("Divide");
		Label numb1=new Label("Num1: ",Label.RIGHT);
		n1=new TextField(10);
		add(numb1);
		add(n1);
		Label numb2=new Label("Num2: ",Label.RIGHT);
		n2=new TextField(10);
		add(numb2);
		add(n2);
		Label res=new Label("Result: ",Label.RIGHT);
		r=new TextField(20);
		add(res);
		add(r);
		add(b);
		b.addActionListener(this);
		addWindowListener(new MyWindowAdapter());
	}
	public void actionPerformed(ActionEvent ae)
	{
		int i=0,j=0;
		try
		{
			i=Integer.parseInt(n1.getText());
		    j=Integer.parseInt(n2.getText());
		}
		catch(NumberFormatException e)
		{
			r.setText("Number Format Exception");
			return;
		}
		try
```

```
		{
			if(j==0)
				throw new ArithmeticException();
			double q=(double)i/j;
			String s=Double.toString(q);
			r.setText(s);
		}
		catch(ArithmeticException e)
		{
			r.setText("Arithmetic Exception");
		}
		repaint();
	}
	public void paint(Graphics g)
	{
		g.drawString(" ",20,100);
	}
	public static void main(String args[])
	{
		oop10 appwin=new oop10();

		appwin.setSize(new Dimension(380,180));
		appwin.setTitle("Division");
		appwin.setVisible(true);
	}
}
class MyWindowAdapter extends WindowAdapter
	{
		public void windowClosing(WindowEvent we)
			{
				System.exit(0);
			}
	}
```


Division
Num1:
Num2:
Result:
Divide


Division
Num1:
10
Num2:
2
Result:
5.0
Divide


Division
Num1:
12
Num2:
2
Result:
6.0
Divide