18-01-21	Poojak
	Lab Program 10 IBM19(511)
	Division uses interface program.
	import java.awt. *;
	import java. awt. event. *;
	public class Divisions extends Frame implements
	ActionListener
	Dialog d;
	Tentfield Numl, Num2, result; Button Divide;
	Suiton signal,
	public Divisions()
	settayout (new Howlayout ());
	Nyml=new TextField (10);
	Num2 = new Text Field (10);
	result = new Textfield (10);
	Divide = new Button ("DIVIDE"); add (new Label ("Enter 1st number: "));
	add (Num!);
	add (new Label ("Enter 2nd number:"));
	add (new Label ("Result: "));
	add (result)"
	add (Divide);

	Sanda Add Caralla Cara
	Divide. add ActionListenca (this); set Visible (true);
	add Windo wlistener (new My Window Adapter ());
	9
	public void actionPerformed (ActionFrent ae)
	if (ae.getSource() == Diricle)
	3
	trai
	S
	Result-setText CInteger. to String (CInteger.
	parseInt(NumlogetText). bim()))/(Integer.
	parseInt (Numaget Tent (): trim())));
	Tridge Bland barry W. w. & a Decade Walsh wife Bro
No.	
1	catch (Arithmetict xception acx)
2100	insufantist & to gran strotter that they was all day
	Dia dl = new Dia ("Arithmetric Exception");
glas -	aleset Visible (true);
	z,
ell.	3
alac I	eatch (Number Formattiception n/e)
Li tou	S S
	Pio da = new Dia (Number format Exception")
	d2. retVisible (true);
	4
	public starc void main (String args[])
-	new Divisions();

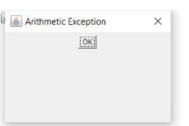
	class Dia entends Dialog implements
	ActionListener
	C
	Button ok;
	In turning him the same
	Dealbring str)
	\$ 100 Carlade a Carlade and a
	super(new Frame(), str, true);
	ok = new Button ("OK");
	actlayout (new Flowlayout))
	30t Size (300,200);
	add(ok).
	ok.adofictionlistener (this);
	add Window Listener (new MyWindow Adapter ());
	<u></u>
	La company dissert on doto
	public void actionPerformed (Action Event ae)
-1	The state of the s
	setVisible(true);
	3
	alass Mullindonal Alaska and a Number of dantes
	class MyWindowAdapter extends WindowAdapter
A.	public void window(losing (WindowEvent we)
	system.exit(0);
	4
	5
	}

```
*Divisions.java - Notepad
                                                                                                                                           O
File Edit Format View Help
import java.awt.*;
import java.awt.event.*;
public class Divisions extends Frame implements ActionListener
{
            Dialog d;
            TextField Num1, Num2, result;
            Button Divide;
            public Divisions()
            {
                        setLayout(new FlowLayout());
                        setSize(500,500);
                        Num1=new TextField(10);
                        Num2=new TextField(10);
                        result=new TextField(10);
                        Divide=new Button("DIVIDE ");
                        add(new Label("Enter 1st number : "));
                        add(Num1);
                        add(new Label("Enter 2nd nummber: "));
                        add(Num2);
                        add(new Label("Result : "));
                        add(result);
                        add(Divide);
                        Divide.addActionListener(this);
                        setVisible(true);
                      addWindowListener(new MyWindowAdapter());
                                                                                                   Ln 4, Col 1
                                                                                                                       Windows (CRLF)
                                                                                                                                       UTF-8
                                                               Type here to search
                                              0
                                                    Ħ
                                                                                                                ^ @ ♠ ■ @ ♠ ENG
```

```
*Divisions.java - Notepad
File Edit Format View Help
            public void actionPerformed(ActionEvent ae)
            {
                        if(ae.getSource()==Divide)
                              try
                            result.setText(Integer.toString((Integer.parseInt(Num1.getText().trim()))/(Integer.parseInt(Num2.getText().trim())));
                                     catch(ArithmeticException aex)
                                     { Dia d1=new Dia("Arithmetic Exception");
                                        d1.setVisible(true);
                                     catch(NumberFormatException nfe)
                                     {
                                                  Dia d2=new Dia("Number Format Exception ");
                                                  d2.setVisible(true);
                                                                                                        Ln 60, Col 69
                                                                                                                             Windows (CRLF)
                                                                                                                                             UTF-8
                                                                                                                      ^ 🖟 🔿 ■ 🦟 🗘 ENG
         Type here to search
                                                0
```

```
*Divisions.java - Notepad
File Edit Format View Help
            public static void main(String args[])
            {
                         new Divisions();
            }
class Dia extends Dialog implements ActionListener
Button ok;
Dia(String str)
            {
                  super(new Frame(),str,true);
                         ok=new Button("OK");
                         setLayout(new FlowLayout());
                         setSize(300,200);
                         add(ok);
                       ok.addActionListener(this);
                       addWindowListener(new MyWindowAdapter());
            }
           public void actionPerformed(ActionEvent ae)
                                                                                                                              Windows (CRLF)
                                                                                                         Ln 60, Col 69
                                                                                                                                               UTF-8
                                                                                                                       ^ @ △ ■ / 40 ENG
          Type here to search
                                                 0
```

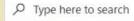
```
*Divisions.java - Notepad
                                                                                                                                        O
File Edit Format View Help
                       ok=new Button("OK");
                       setLayout(new FlowLayout());
                       setSize(300,200);
                       add(ok);
                     ok.addActionListener(this);
                     addWindowListener(new MyWindowAdapter());
           }
          public void actionPerformed(ActionEvent ae)
           {
                       setVisible(true);
                        dispose();
           }
class MyWindowAdapter extends WindowAdapter{
public void windowClosing(WindowEvent we)
System.exit(0);
                                                                                                                     Windows (CRLF)
                                                                                                 Ln 60, Col 69
                                                                                                                                    UTF-8
                                                             ^ @ △ ■ (6 🕬 ENG
                                             0
         Type here to search
```



Enter 1st number : 1 Enter 2nd nummber: 0 Result :







































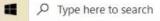






- a x

Result : 2 Enter 1st number : 4 Enter 2nd nummber: 2



























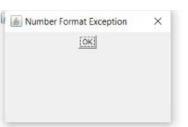








- a ×



Enter 1st number : 1.2 Enter 2nd nummber: yui Result : 2































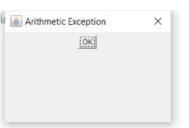








- a x



Enter 1st number : 1 Enter 2nd nummber: 0 Result :



































- a x