SARASWATHI.B
IBM19CS032

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class integerdivision extends Frame implements ActionListener {
Textfield n1,n2,res;
Label ln1, ln2, lres;
Button b;
Public integer division() {
SetLayout (new FlowLayout());
Label ln1 = new Label ("NUMBER1", Label.RIGHT);
Label ln2 = new Label ("NUMBER2", Label.RIGHT);
Label lres = new Label ("RESULT", Label.RIGHT);
n1 = new TextField (12);
n2 = new TextField (8),
res = new Textfield (10);
b = new Button ("DIVIDE");
add (ln1);
add (n1);
add (ln2);
add (n2);
add (b);
add (lres);
add (res);
b.addActionListener (this);
addWindowListener (new WindowAdapter());
}
Public void actionPerformed (ActionEvent ae)
{
if (ae.getSource() == b)
{
try {
```

```
int num1=Integer.parseInt(n1.getText());
int num2=Integer.parseInt(n2.getText());
int num3=num1/num2;
res.setText(String.valueOf(num3));
}
catch(NumberFormatException ne){
JOptionPane.showMessageDialog(this,a,"ERROR",JOptionPane.ERROR_
MESSAGE);
}
}
}
public static void main(String args[])
{
integerdivision i=new integerdivision();
i.setsize(new Dimension(400,400));
i.setTitle("INTEGER DIVISION OF TWO NUMBERS");
i.setvisible(true);
}
class WindowAdapter1 extends WindowAdapter{
public void windowClosing(WindowEvent we)
{
System.exit(0);
}
}
}
```