L1

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

class SwingDemo
{
SwingDemo()
{
IFrame jfrm = new JFrame("Divider App");
jfrm.setSize(275,150);
jfrm.setLayout(new FlowLayout());
jfrm.setDefaultCloseOperation(JFrame.EXIT_ON_
                              CLOSE);

JLabel jlab = new JLabel("Enter divisor
                          and dividend");
JTextField aif = new JTextField(8);
JTextField bitf = new JTextField(8);
JButton button = new JButton("Calculate");

JLabel err = new JLabel();
JLabel alab = new JLabel();
JLabel blab = new JLabel();
JLabel anslab = new JLabel();

jfrm.add(err);
jfrm.add(jlab);
jfrm.add(aitf);
jfrm.add(bitf);
jfrm.add(button);
jfrm.add(alab);
jfrm.add(blab);
jfrm.add(anslab);
```

```
ActionListener l = new ActionListner() {
    public void actionPerformed(ActionEvent evt){
    System.out.println("Action event from a
                        text field");
    }
};

aitf.addActionListner(l);
bitf.addActionListner(l);
button.addActionListner(new ActionListner() {
public void actionPerformed(ActionEvent evt) {
try{
int a = Integer.parseInt(aitf.getText());
int b = Integer.parseInt(bitf.getText());
int ans = a|b;
alab.setText("A = " + a);
blab.setText("B = " + b);
anslab.setText("Ans = " + ans);
err.setText("");
}
Catch (NumberFormatException e){
alab.setText("");
blab.setText("");
anslab.setText("");
err.setText("B should be NON zero!");
}
});
jfrm.setVisible(true);
}
public static void main(String[] args){
System.out.println("USN: 1BMSQ3CS059 \n
                    Name : BJ Keerthana");
```

```
SwingUtilities.invokeLater(new
    public void run() {
        new SwingDemo();
    }
});
}
```

Output:

USN: 1BM23CS059

Name: BJ Keerthana