```
2.   import  javax. swing.* ;
     import  java. awt.* ;
     import  java. awt. event.* }
     class  SwingDemo {
       SwingDemo () {
          JFrame  jfrm = new  JFrame ("Divid
          jfrm.setSize (275,150);
          jfrm.setLayout (new  FlowLayout (
          jfrm.setDefaultCloseOperation (JFram
          - CLOSE );
          JLabel  jlab = new  JLabel ("Enter Divi
          JTextField  ajtf = new  JTextField (8);
          JTextField  bjtf = new  JTextField (8);
          JButton  button = new  JButton ("Cal
          JLabel  err = new  JLabel();
          JLabel  alab = new  JLabel();
          JLabel  blab = new  JLabel();
          jfrm. add
          JLabel. anslab = new  JLabel();
          jfm. add (err);
          jfm. add (jlab);
          jfm. add (ajtf);
          jfrm. add (bjtf);
          jfm. add (button);
          jfm. add (alab);
          jfm. add (blab);
```

```java
bjtf. addActionListener (l);
button. addActionListener (new ActionL
public void actionPerformed (ActionE
    try {
        int a = Integer.parseInt (a;
        int b = Integer.parseInt(bjt
        int ans = a/b;
        alab.setText ("a = "+a);
        blab.setText ("b = "+b);
        anslab. setText ("Ans = "+an
    }
    catch (NumberFormat Exception e)
        alab.setText (" "");
        blab.setText (" ");
        anslab.setText (" ");
        err. setText ("Enter ;= only
    }
    catch (Arithmetic Exception e) {
        alab.setText ("");
        blab.setText ("");
        anslab.setText ("");
        err.setText ("B cannot take
            zero. ");
    }
}
});
```
ifom setVisible (true)

```
        });
      }
  }
```

Output:

```
Enter  Dividend  and    Divisor
  [  12  ]    [  3  ]
  [ Calculate ]   a=12  b=3
        Ans = 4
```

23.02.24

^ setSize()

Resizes a component to have the
width & height.

setLayout()

It allows us to set the layout of the
to FlowLayout, BorderLayout, GridLayou

actionPerformed()

It helps manage user interactions wit
components.

setText()

It is used to set the text inside