LAB-9

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

class stringDems
{
    JFrame item = new JFrame("Divider APP");
    jfm.setsize(275,150);
    jFrm.setLayout(new FlowLayout());
    jFrm.setDefaultCloseOperation
        (JFrame.EXIT_ON_CLOSE);

    Jlabel Jlab = new Jlabel("Enter divisors
                  and Dividend");
    JtextField ajtf = new JtextField(8);
    JtextField bjtf = new JtextField(8)
    JButton button = new Jbutton("calculate");

    Jlabel err = new JLabell();
    Jlabel alab = new Jlabel();
    Jbabrer bob = new Jlabel();
    Jlabel anslab = new Jlabel();
```

```
jfm.add(err);
  ..    (jlab);
        (ajtf);
        (bjtf);
        (button);
        (alab);
        (blab);
        (ans lab);

ActionListenteface=L =new ActionListener()
  {
  public void actionperformed(ActionEvent ae)
  { SOP("Action event from a textField");
  }
  };

ajtf.AddActionListener(l);
bjtf.AddActionListener(l);

button.addActionListener(new Action)Listener(){
  Public void actionperformed(ActionEvent evt)
  {
    try{
```

```
int a = Integer.parseInt(aj tf.get
int b = Integer.parseInt( bjtf.getText());
int ans = a / b;
alab.setText("A = " +a);
blab.setText("B = " +b);
anslab.setTeat("Ans = " +ans);
err.setText(" ");
}
catch(Number Format Exception e)
{
alab.setText(" ");
blab.setText(" ");
anslab.setText(" ");
err.setText(" Enter only integer!");
}
catch(Arithmetic Exception e)
{
alab.setText(" ");
blab.setText(" ");
```

```
        ansLbl.setText("");
        err.setText("B should be non zero");
      }
    }
  });
  jfrm.setVisible(true);
  }

PSVM
{ SOP : VSN; Name:
  SwingUtilities.invokeLater(new Runnable()
  {
    public void run()
    { new SwingDemo();
    }
  });
  }
}
```