```java
import java.applet.Applet;

import java.awt.*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

public class Factorialapp extends Applet implements ActionListener{

    TextField t;

    Label l1,l2;

    Button b;

  public void init() {

    setLayout(null);

    t=new TextField();

    l1=new Label("Enter Number");

    l2=new Label("Factorial is ");

    b=new Button("Calculate Factorial");

    add(t);

    add(l1);

    add(l2);

    add(b);

    t.setBounds(120,20,80,35);

    l1.setBounds(25,20,80,35);

    l2.setBounds(30,120,300,40);

    b.setBounds(55,70,120,40);

    b.addActionListener(this);

  }

  public void paint(Graphics g)

  {

    setBackground(Color.cyan);

    t.setBackground(Color.BLUE);

    l1.setBackground(Color.BLUE);

    l2.setBackground(Color.cyan);

    b.setBackground(Color.RED);
```

```java
        t.setForeground(Color.GREEN);

        l1.setForeground(Color.GREEN);

        b.setForeground(Color.YELLOW);

        l2.setForeground(Color.MAGENTA);


    }


    @Override
    public void actionPerformed(ActionEvent e) {
        int n,fact=1;
        n=Integer.parseInt(t.getText());
        while(n!=0){
            fact=fact*n;
            n--;
        }
        l2.setText("Factorial is "+fact);
    }

}
```