Assignment on Java AWT

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CALCULATOR

```
package Calculator;
import java.awt.*;
import java.awt.event.WindowEvent;
import java.awt.event.WindowListener;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
public class Calculator extends Frame implements
WindowListener,ActionListener{
    private TextField op1,op2,result;
    private Button plus,minus,product,divide,clear;
    Calculator() {
        super("Calculator");
        setLayout(new FlowLayout());
        Font f = new Font("Sans-serif", Font.BOLD ,20);
        plus = new Button("+");
        minus = new Button("-");
        product = new Button("*");
        divide = new Button("/");
        clear = new Button("C");
        op1 = new TextField("");
        op2 = new TextField("");
        result = new TextField("");
        result.setEditable(false);
        op1.setPreferredSize(new Dimension(230,40));
        op1.setFont(f);
        op2.setPreferredSize(new Dimension(230,40));
        op2.setFont(f);
        result.setPreferredSize(new Dimension(230,40));
        result.setFont(f);
```

```
plus.setPreferredSize(new Dimension(100,40));
    minus.setPreferredSize(new Dimension(100,40));
    product.setPreferredSize(new Dimension(100,40));
    divide.setPreferredSize(new Dimension(100,40));
    clear.setPreferredSize(new Dimension(100,40));
    add(op1);
    add(op2);
    add(result);
    add(plus);
    add(minus);
    add(product);
    add(divide);
    add(clear);
    plus.addActionListener(this);
    minus.addActionListener(this);
    product.addActionListener(this);
    divide.addActionListener(this);
    clear.addActionListener(this);
    addWindowListener(this);
    setSize(800,200);
    setResizable(false);
    setVisible(true);
public static void main(String[] args) {
   new Calculator();
@Override
public void windowOpened(WindowEvent e) {
@Override
public void windowClosing(WindowEvent e) {
   System.exit(0);
@Override
public void windowClosed(WindowEvent e) {
    // TODO Auto-generated method stub
```

```
@Override
    public void windowIconified(WindowEvent e) {
    @Override
    public void windowDeiconified(WindowEvent e) {
    @Override
    public void windowActivated(WindowEvent e) {
    @Override
    public void windowDeactivated(WindowEvent e) {
    @Override
    public void actionPerformed(ActionEvent e) {
        try {
            if(e.getSource()==plus){
                result.setText(Double.parseDouble(op1.getText())+Double.parseD
ouble(op2.getText())+"");
            }else if(e.getSource()==minus){
                result.setText(Double.parseDouble(op1.getText())-
Double.parseDouble(op2.getText())+"");
            }else if(e.getSource()==product){
                result.setText(Double.parseDouble(op1.getText())*Double.parseD
ouble(op2.getText())+"");
            }else if(e.getSource()==divide){
                result.setText(Double.parseDouble(op1.getText())/Double.parseD
ouble(op2.getText())+"");
                result.setText("");
                op1.setText("");
                op2.setText("");
        } catch (Exception exception) {
           result.setText("");
```