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package ppe1;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class aa {
    public static void main(String[] args) {
        JFrame window = new JFrame();
        window.setTitle("ali hassan");
        window.setSize(400,400);

        window.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        window.setLayout(new FlowLayout(FlowLayout.CENTER));
        window.setVisible(true);

        JRadioButton radioButton = new JRadioButton("M");
        window.add(radioButton);

        JRadioButton radioButton1 = new JRadioButton("CM");
        window.add(radioButton1);

        ButtonGroup buttonGroup = new ButtonGroup();
        buttonGroup.add(radioButton);
        buttonGroup.add(radioButton1);

        String[] operation = {"square area" , "perimeter
square"};
        JComboBox comboBox = new JComboBox(operation);
        comboBox.setEditable(false);
        window.add(comboBox);

        JTextField textFieldValue = new JTextField(10);
        window.add(textFieldValue);

        JTextField textFieldResult = new JTextField(10);
        textFieldResult.setEditable(false);
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window.add(textFieldResult);

JButton button = new JButton("calculate");
button.addActionListener(new ActionListener() {
    @Override
    public void actionPerformed(ActionEvent e) {
        double value = 0.0;
        double rib =
Integer.parseInt(textFieldValue.getText());

        if(comboBox.getSelectedItem() == "square
area"){
            value = rib * rib;
        }if (comboBox.getSelectedItem() ==
"perimeter square"){
            value = 4 * rib;
        }

        String unit = "";
        if (radioButton.isSelected()){
            unit = "M";
        }if (radioButton1.isSelected()){
            unit = "CM";
            value=value*100;
        }

        textFieldResult.setText(value + unit);

    }
});
window.add(button);
}
}

```

