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import java.awt.Container;
import java.awt.FlowLayout;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
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import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JTextField;
```

```
public class CalculCarre extends JFrame implements ActionListener {
    private JPanel pan = new JPanel();
    private JLabel lblNombre = new JLabel("Nombre : ");
    private JLabel lblCarre = new JLabel("Carré : ");
    private JLabel lblResultat = new JLabel();
    private JTextField txtNombre = new JTextField(10);
    private JButton btnCalcul = new JButton("Calcul");

    public CalculCarre() {
        this.setTitle("M2i Formation - Carré");
        this.setSize(400, 100);
        this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        this.setLocationRelativeTo(null);

        Container contenu = this.getContentPane();
        contenu.setLayout(new FlowLayout());

        contenu.add(lblNombre);
        contenu.add(txtNombre);
        contenu.add(btnCalcul);
        contenu.add(lblCarre);
        contenu.add(lblResultat);
    }
}
```

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        this.btnCalcul.addActionListener(this);
//    this.setContentPane(pan);
        this.setVisible(true);
    }

    @Override
    public void actionPerformed(ActionEvent e) {
        if (e.getSource() == btnCalcul) {
            try {
                String strNombre = txtNombre.getText();
                int n = Integer.parseInt(strNombre);
                long carre = (long) n * (long) n;
                lblResultat.setText("" + carre);
            }
            catch (NumberFormatException ex) {
                txtNombre.setText("");
                lblResultat.setText("");
            }
        }
    }
} // Fin classe

```