```java
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) throws Exception {

        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);

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

        JTextField textField1 = new JTextField(10);
        window.add(textField1);

        JTextField textField2 = new JTextField(10);
        window.add(textField2);

        JTextField textField3 = new JTextField(50);
        textField3.setEditable(false);
        window.add(textField3);

        JButton button = new JButton("insert");
        button.addActionListener(new ActionListener() {
            @Override
            public void actionPerformed(ActionEvent e) {
                subEmployee employee = null;
                try {
                    employee = new subEmployee(textField.getText() ,
textField1.getText() , textField2.getText());
                } catch (Exception ex) {
                    ex.printStackTrace();
                }

                textField3.setText(employee.toString());

            }
        });

        window.add(button);
    }
}

class subEmployee{
    private static int no = 0;
    private String id , fname , lname , department="analysis" , address;
```

```java
subEmployee(String fname , String lname , String address) throws Exception {
    no+=10;

    this.fname=fname;
    this.lname=lname;
    this.address=address;
    id =createID();

    ex(no);
}

public String createID(){
    return no+department;
}

public String toString(){

    return id + "    " + fname + "    " + lname + "    " + address;
}

public void ex(int a) throws Exception{
    if (a > 100) throw new Exception("err");
}

}
```

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