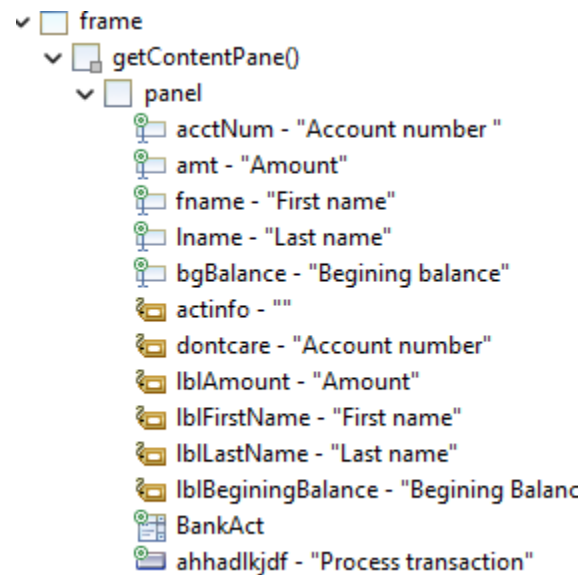
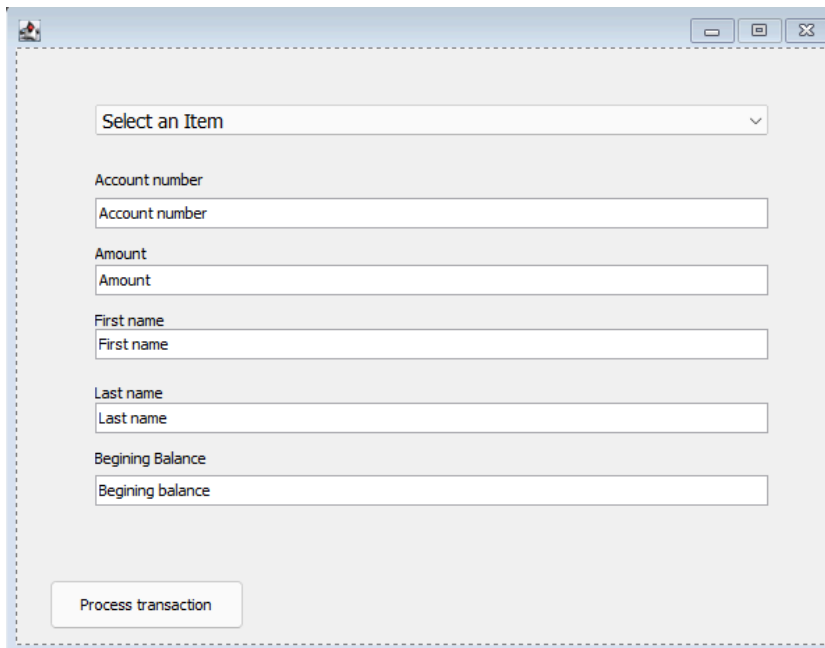


**CREDIT NAME** Computer Science 3  
Assignment Name, Local Bank



I implemented the code from the text book into their respective java class files.



I made the visual part of the GUI, and named all the components of it.

```

acctNum = new JTextField();
acctNum.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e) {
        acctNum.setText("");
    }
});

```

I made a system that removed the pre set text upon clicking it for all the text boxes (its for all the text boxes I dont' want to copy and paste them all)

```

if(BankAct.getSelectedItem().equals("Deposit"))
{
    amount = amt.getText();
    message = easySave.transaction(1, acctNum.getText(), Double.parseDouble(amount));
    actinfo.setText(message);
}
else if(BankAct.getSelectedItem().equals("Withdrawal"))
{
    amount = amt.getText();
    message = easySave.transaction(2, acctNum.getText(), Double.parseDouble(amount));
    actinfo.setText(message);
}
else if(BankAct.getSelectedItem().equals("Check balance"))
{
    message = easySave.checkBalance(acctNum.getText());
    actinfo.setText(message);
}
else if(BankAct.getSelectedItem().equals("Add an account"))
{
    amount = bgBalance.getText();
    message = easySave.addAccount( Double.parseDouble(amount), fname.getText(), lname.getText());
    actinfo.setText("New account ID is " + message);
}
else if(BankAct.getSelectedItem().equals("Remove an account"))
{
    amount = amt.getText();
    message = easySave.deleteAccount(acctNum.getText());
    actinfo.setText("Account ID deleted is " + acctNum.getText());
}

```

Then I put in the system of calling each class as you showed, to properly get the results

```

JComboBox BankAct = new JComboBox();
BankAct.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        if (BankAct.getSelectedIndex()==1)
        {
            dontcare.setForeground(Color.red);
            lblAmount.setForeground(Color.red);
            lblFirstName.setForeground(Color.black);
            lblLastName.setForeground(Color.black);
            lblBeginingBalance.setForeground(Color.black);
        }
        else if (BankAct.getSelectedIndex()==2)
        {
            dontcare.setForeground(Color.red);
            lblAmount.setForeground(Color.red);
            lblFirstName.setForeground(Color.black);
            lblLastName.setForeground(Color.black);
            lblBeginingBalance.setForeground(Color.black);
        }
        else if (BankAct.getSelectedIndex()==3)
        {
            dontcare.setForeground(Color.red);
            lblAmount.setForeground(Color.black);
            lblFirstName.setForeground(Color.black);
            lblLastName.setForeground(Color.black);
            lblBeginingBalance.setForeground(Color.black);
        }
        else if (BankAct.getSelectedIndex()==4)
        {
            dontcare.setForeground(Color.black);
            lblAmount.setForeground(Color.black);
            lblFirstName.setForeground(Color.red);
            lblLastName.setForeground(Color.red);
            lblBeginingBalance.setForeground(Color.red);
        }
        else if (BankAct.getSelectedIndex()==5)
        {
            dontcare.setForeground(Color.red);
            lblAmount.setForeground(Color.black);
            lblFirstName.setForeground(Color.black);
            lblLastName.setForeground(Color.black);
            lblBeginingBalance.setForeground(Color.black);
        }
    }
}

```

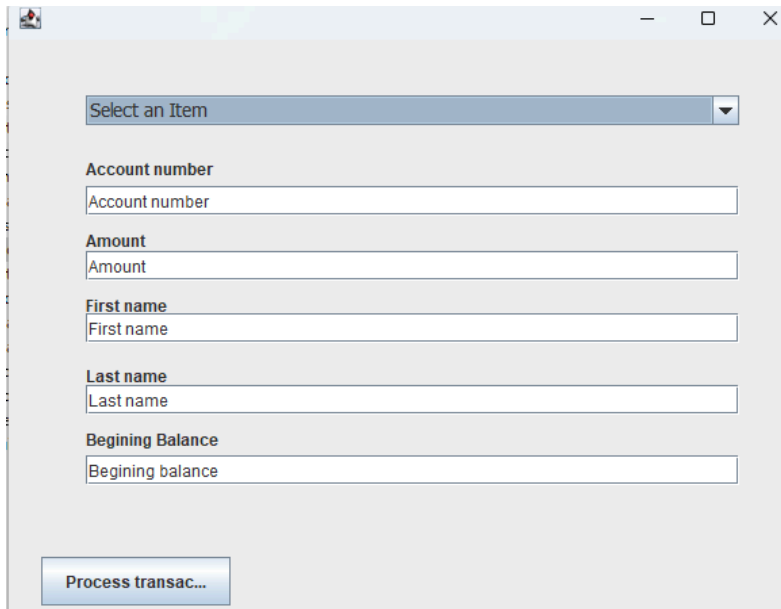
Then I made a system that changed the text's color to red or black depending on which text field needed to be filled out for the system to work.

```

acctNum.setText(null);
amt.setText(null);
fname.setText(null);
lname.setText(null);
bgBalance.setText(null);

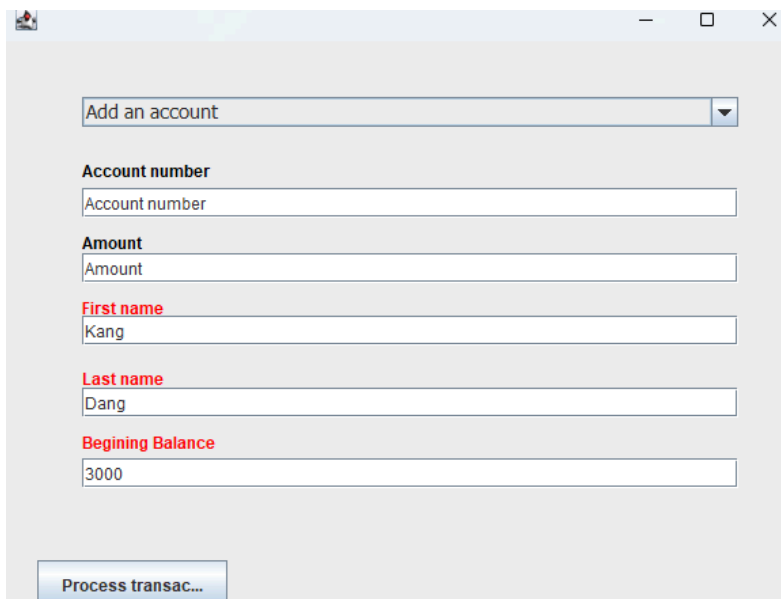
```

I made a system, that upon clicking transaction, changes the rest of the text boxes to clear to look better



A screenshot of a software window titled "Starting screen". The window has a light gray background and a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area contains a dropdown menu at the top with the text "Select an Item" and a downward arrow. Below this are six text input fields, each with a label above it: "Account number", "Amount", "First name", "Last name", and "Begining Balance". Each field contains the same text as its label. At the bottom left of the window is a button labeled "Process transac...".

Starting screen



A screenshot of the same software window after a transaction has been processed. The dropdown menu now shows "Add an account". The text input fields have been updated: "Account number" is empty, "Amount" is empty, "First name" contains "Kang", "Last name" contains "Dang", and "Begining Balance" contains "3000". The "Process transac..." button remains at the bottom left.

## Adding an account

Add an account

Account number

Amount

First name

Last name

Begining Balance

New account ID is KDang

Process transac...

## Checking Balance

Check balance

Account number

Amount

First name

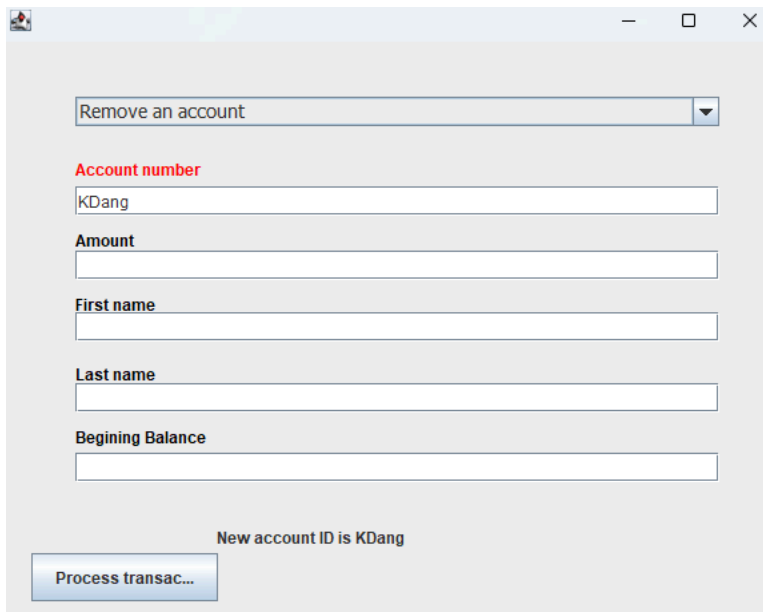
Last name

Begining Balance

KDang : Kang Dang's Current balance is\$3,000.00

Process transac...

## Removing an account



Remove an account ▼

**Account number**  
KDang

**Amount**

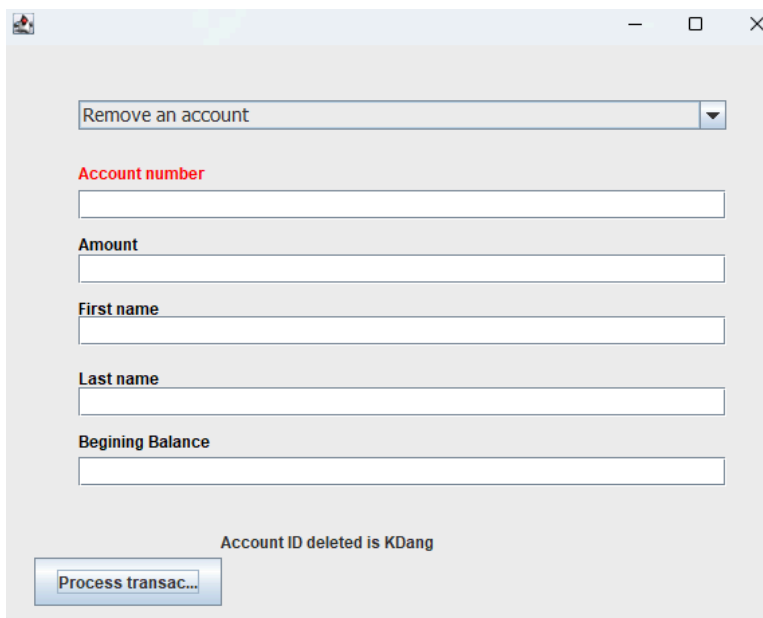
**First name**

**Last name**

**Begining Balance**

New account ID is KDang

Process transac...



Remove an account ▼

**Account number**

**Amount**

**First name**

**Last name**

**Begining Balance**

Account ID deleted is KDang

Process transac...