

Credit Name: Computer Science 3

Assignment Name: LocalBank

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

```
Exception in thread "AWT-EventQueue-0" java.lang.NullPointerException: Cannot read field "id" because "this.this$0.selectedAccount" is null
selectedAccount = null;
JOptionPane.showMessageDialog(null, "Account with ID: '" + selectedAccount.id + "'" closed successfully", "Account Closing Successful", JOptionPane.INFORMATION_MESSAGE);
update();
```

I was clearing a value and then immediately trying to reference it as output. Just a dumb mistake which was easily fixed by flipping the lines

```
JOptionPane.showMessageDialog(null, "Account with ID: '" + selectedAccount.id + "'" closed successfully", "Account Closing Successful", JOptionPane.INFORMATION_MESSAGE);
selectedAccount = null;
update();
```

```
street = s;
city = s;
```

One more dumb little mistake where in the Account.java constructor I had both street and city set to s instead of s and c. This meant that when an account was created it would always have the same street and city, but they could be changed independently later.

The hardest part was noticing it when all of my input was placeholders to quickly submit to test code. However I did notice it eventually and very quickly isolated every place the issue could be caused, which made it very easy to find and fix the typo.

No other console errors. At most I forgot how to code something which was quickly remedied with a Google search (most notably just forgetting how to set up different JOptionPanels)