APCS – Mr. Ascione
SPB Savings & Loans

OK, WE PUT YOUR MONEY IN THE BANK
AND IT'S GONE
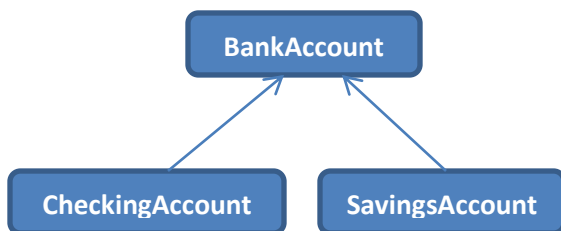imgflip.com

OBJECTIVE: This lab was designed to help you learn to use inheritance in Java.

SPEC: In this project, we will be creating classes for the South Park Bank Savings and Loans. The bank has checking accounts and savings accounts. Checking accounts get 3 free transactions and afterwards it costs $2 for each transaction per cycle. There are no fees on Savings accounts at the bank and savings accounts have the ability to earn interest. Rumor has it the funds in either account might not be entirely safe.

We will make use of inheritance:

Files Needed:

`BankAccount.java`

`CheckingAccount.java`

`SavingsAccount.java`

`AccountRunner.java`

Information that is common to all bank accounts is handled at the parent class level... at the top of our inheritance hierarchy.

SAMPLE OUTPUT:

```
C:\Windows\system32\cmd.exe

Account Holder          Account Number          Balance
   Luke                    1                      $255.0
   Luke                    2                      $105.0
   Dad                     3                      $243.71
Account Holder          Account Number          Balance
   Luke                    1                      $261.8085
   Luke                    2                      $106.89
   Dad                     3                      $239.71

Press any key to continue . . .
```