

# Lab 6 - The BankAccount Exercise

## BankAccount

- balance : double  
- interestRate : double  
- interest : double

+BankAccount(startBalance:double,  
                  intRate :double):  
+ deposit(amount : double) : void  
+ withdrawl(amount : double: void  
+ addInterest() : void  
+ getBalance() : double  
+ getInterest() : double

- Create a driver program AccountTest that will use the BankAccount class
- This program should set up two accounts. One with an interest rate of 1.5% and a starting balance of \$350, and a second with an interest rate of 2.4% and a starting balance of \$500.
- The driver should:
  - Display the account balances for each account using a static method that accepts a BankAccount and a String that describes the account at the start of the program and after each transaction.
  - Prompt for and process
    - a deposit to account 1;
    - a withdrawal for account2.;
    - then calculate and display the interest earned.