Workshop - Using Polymorphism for Problem Solving

This workshop continues what you have completed from the last workshop on Object Concepts and Inheritance.

1. Create a **BankBranch** class as in the class diagram below so that an instance of the class may contain all the **Account** objects that have been created in the last workshop. Any types of Accounts (**Savings**, **Current**, **Overdraft**) can be contained in the **BankBranch**.

BankBranch
Name : string Accounts : list of BankAccount
--*Accessor/Mutator methods as necessary* AddAccount(Account) PrintCustomers() – print out all the account holders' ids TotalDeposits() TotalInterestPaid() -- sum the interest of all accounts to be paid TotalInterestEarned() -- sum the interest of all accounts to be earned PrintAccounts() – print out all the accounts --*other support methods as necessary*

2. Create a new **Test** class and within its **Main()** method, test that your **BankBranch** class functions correctly.

Note:
1. You can use **Array** as the necessary container. A better alternative is to use **List**, which supports dynamical size automatically. You can refer to know how to use List.