Objective:
- To demonstrate how to define classes and objects
- To design an **Account** and a **Bank** class and implement all its methods

Implement the following UML Class diagrams. Create several **Account** objects and a **Bank** object, then test the methods of **Bank** class.

Account
- accountNumber : int - accountName : String - balance : double
+ Account() + Account(accountNumber : int, accountName : String, balance : int) + Getters + Setters + toString() : String

Bank
- accounts : Account[ ] - numOfAccount : int
+ Bank(int size) + getNumberOfAccount() : int + getAccounts() : Account[ ] + addAccount(account : Account) : void + printAccountInfo(accountNumber : int) : void
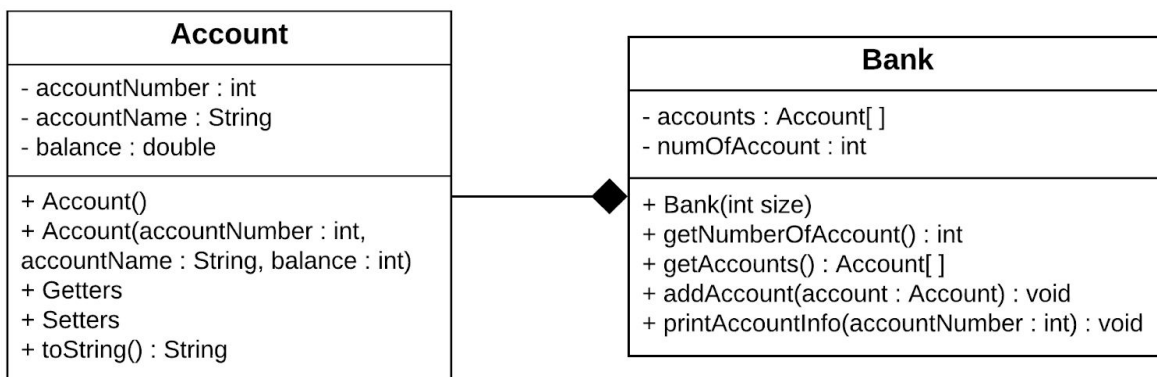
In the main method of your driver class, use the following objects.

Account a1 = new Account(132, "Abdul", 5000);

Account a2 = new Account(142, "Kader", 1000);

Account a3 = new Account(152, "Sumit", 1500);

Account a4 = new Account(162, "Shakib", 5000);

Bank scb = new Bank();

Tasks:

- Add all the accounts to a bank
- Print the account information of Account Number:132
- Print the total number of accounts and account information of all the accounts maintained by that bank.