

Class Activity

1. Create a **Bank** class with the following members:
 - Bank name
 - Bank Id
- Create appropriate constructors, setter methods and getter methods for Bank class.
2. Create **BankAccount** class which is a sub class of Bank class and having following additional members:
 - Account number
 - Owner name
 - Balance amount
- Create appropriate constructors, setter methods and getter methods for BankAccount class and call respective super class constructors.
- Both the classes should override toString() method to display all the details.
- Also, add the withdraw() and deposit() methods which should perform respective operation.
- In the main method, create at least two objects of BankAccount class and call appropriate methods to set the object properties and display them.
3. Create **OverdraftAccount** class which is a sub class of BankAccount class and having following additional members:
 - Overdraft limit
- Create appropriate constructors, setter methods and getter methods for BankAccount class and call respective super class constructors.
- In the main method, create at least two objects of BankAccount class and call appropriate setter getter methods to set the object properties and display them.
- Also, create withdraw() method which should allow consumer to withdraw money with the overdraft limit. I.e. if consumer is having \$1000 balance amount and \$1500 overdraft limit, then he/she can withdraw maximum of \$2500. Hence, if consumer wants to withdraw \$2000 then he/she will be left with balance \$-1000.

- In the main method, create at least two objects of BankAccount class and call appropriate methods to set the object properties and display them.