Lab 2 practice reference code

1. Write a class to process the bank account

Variables: accountNum, balance;

Operations: getAccountNum, getBalance, deposit, withdraw;

**Code:**

public class Account {

private String accountNumber;

private double balance;

public Account() {

this("empty", 0.0);

}

public Account(String accountNumber, double balance) {

this.accountNumber = accountNumber;

this.balance = balance;

}

public String getAccountNumber() {

return accountNumber;

}

public double getBalance() {

return balance;

}

public void deposit(double money) {

balance += money;

}

public double withdraw(double money) {

balance -= money;

return money;

}

}

1. Application

public class AccountDemo {

public static void main(String[] args) {

Account account = new Account();

System.out.println("Account number: " + account.getAccountNumber());

System.out.println("Balance: " + account.getBalance());

account = new Account("123-4567", 100.0);

account.deposit(1000.0);

System.out.println("Account: " + account.getAccountNumber());

System.out.println("Balance: " + account.getBalance());

}

}