

```

public class Customer {

    // check whether the given password matches the one for this user
    public String tryLogin(String withPwd) {
        if (this.password.equals(withPwd))
            return "Welcome!";
        else
            return "Try again!";
    }
}

```

```

-----
public class CustomerList implements ICustomerSet {
    LinkedList<Customer> customers = new LinkedList<Customer>();

    // return the Customer whose name matches the given name
    public Customer findCustomer(String custname) {
        for (Customer cust : customers) {
            if (cust.nameMatches(custname))
                return cust;
        }
        return null;
    }
}

```

```

-----
public class BankingService {
    private IAccountSet accounts;
    private ICustSet customers;

    public String login(String custname, String withPwd) {
        Customer cust = customers.findCustomer(custname);
        if (cust.checkPwd(withPwd)) {
            this.loggedIn.addFirst(cust);
            return "Login Successful";
        } else {
            return "Login Failed -- Try Again";
        }
    }
}

```

```

-----
public class BankingConsole {

    public void loginScreen() {
        Scanner keyboard = new Scanner(System.in);
        System.out.println("Welcome to the Bank. Please log in.");
        System.out.print("Enter your username: ");
        String username = keyboard.next();
        System.out.print("Enter your password: ");
        String password = keyboard.next();

        controller.login(username, password);
        System.out.println("Thanks for logging in!");

    }
}

```