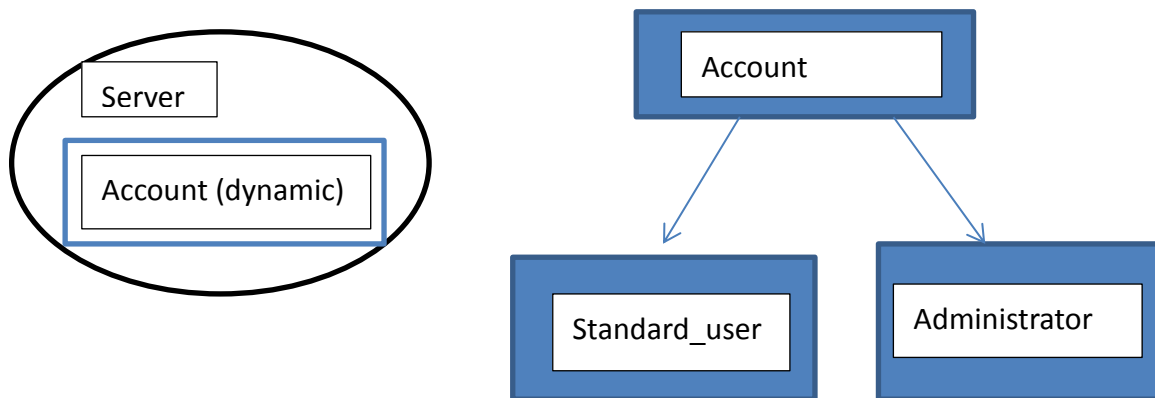


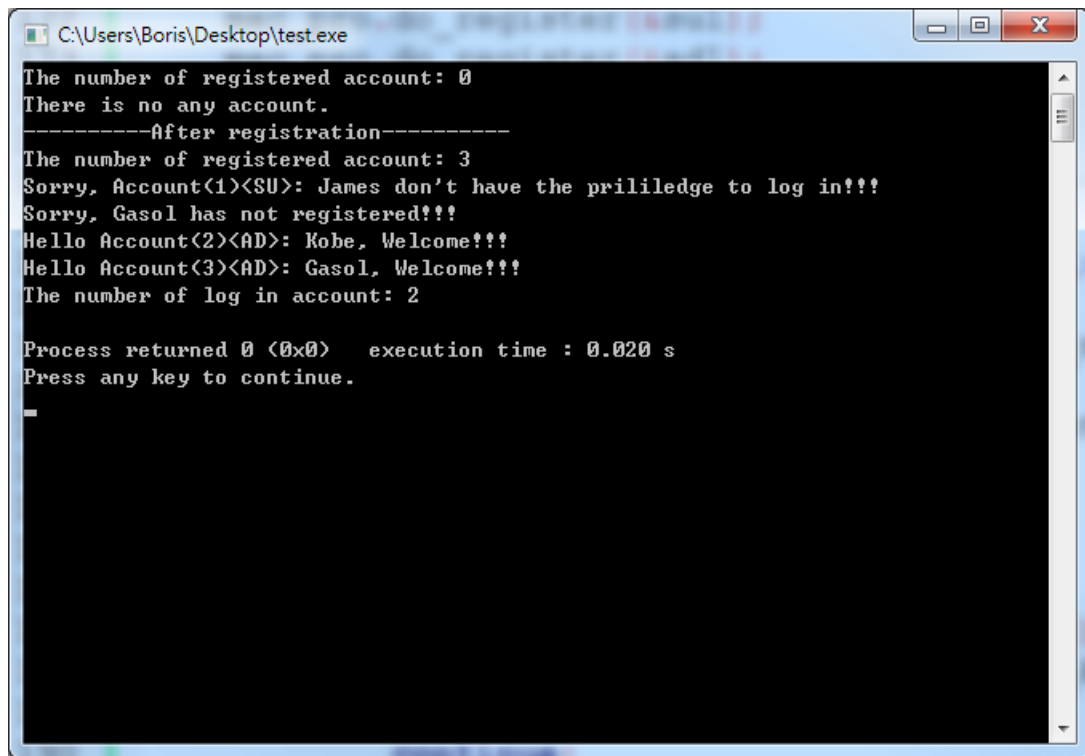
Please implement a server to manage all of the accounts. First, there are two kinds of accounts in the server, one is `standard_user`, and the other one is `administrator`. Second, the server agrees all kinds of the accounts to register, but just agrees the `administrator` account to log in. Also, you have to maintain the `user_ID` to be the same as the rank on the list. That means if an `administrator` account is the first account which is registered on the server, its `user_ID` is 1.



Requirement:

1. Use virtual function and polymorphism, ex. Function `login()` is a virtual function
2. You have to implement four classes, `Account`, `Standard_user`, `Administrator`, and `Server`.
3. The max number of account in the server is not fixed.
4. It's up to you to use vector or not when implementing this system.

Sample Output:



```
C:\Users\Boris\Desktop\test.exe
The number of registered account: 0
There is no any account.
-----After registration-----
The number of registered account: 3
Sorry, Account(1)<SU>: James don't have the prililedge to log in!!!
Sorry, Gasol has not registered!!!
Hello Account(2)<AD>: Kobe, Welcome!!!
Hello Account(3)<AD>: Gasol, Welcome!!!
The number of log in account: 2

Process returned 0 (0x0)   execution time : 0.020 s
Press any key to continue.
-
```