

Socket Programming

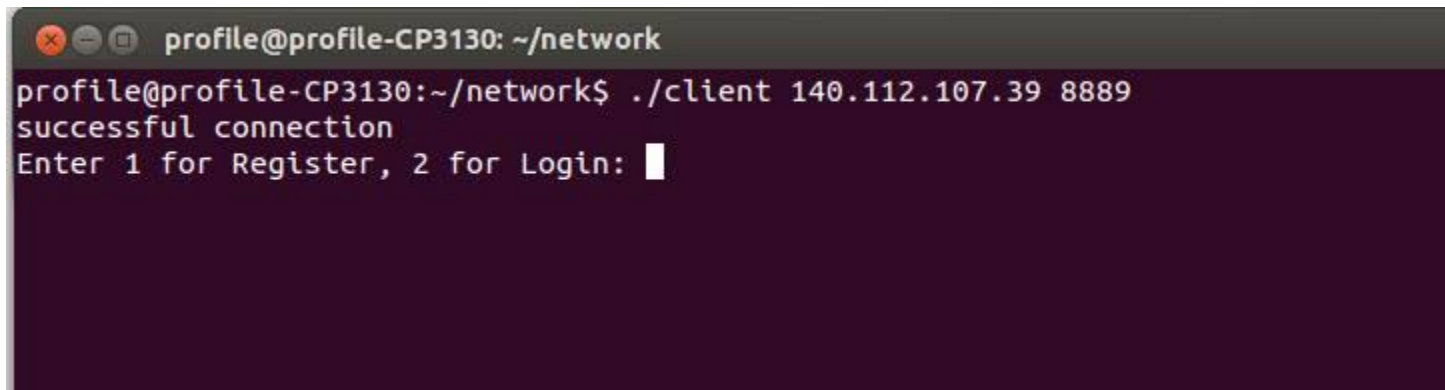
流程說明

登入 server

助教所提供之 server IP 為 140.112.107.39 port number 8889

指令為「`./<client程式名> <server_IP> <port_number>`」

下圖為輸入「`./client 140.112.107.39 8889`」的範例

A terminal window with a dark purple background. The title bar shows 'profile@profile-CP3130: ~/network'. The prompt is 'profile@profile-CP3130:~/network\$'. The user has entered the command './client 140.112.107.39 8889'. The output shows 'successful connection' followed by a prompt 'Enter 1 for Register, 2 for Login: ' with a white cursor.

```
profile@profile-CP3130: ~/network
profile@profile-CP3130:~/network$ ./client 140.112.107.39 8889
successful connection
Enter 1 for Register, 2 for Login: █
```

註冊

- 輸入username
 - 成功—從 server 收到 100 OK

```
profile@profile-CP3130:~/network$ ./client 140.112.107.39 8889
successful connection
Enter 1 for Register, 2 for Login: 1
Enter the name u want to register: app
-----
100 OK

Enter 1 for Register, 2 for Login: █
```

- 失敗—從 server 收到 210 FAIL (可能為註冊名稱已被註冊)

```
profile@profile-CP3130:~/network$ ./client 140.112.107.39 8889
successful connection
Enter 1 for Register, 2 for Login: 1
Enter the name u want to register:hello
-----
210 FAIL

Enter 1 for Register, 2 for Login: █
```

接收目前帳戶餘額及上線清單訊息

```
profile@profile-CP3130:~/network$ ./client 140.112.107.39 8889
successful connection
Enter 1 for Register, 2 for Login: 1
Enter the name u want to register: app
-----
100 OK

Enter 1 for Register, 2 for Login: 2
Enter your name:app
Enter the port number:100
-----
AccountBalance:10000
Number of users:1

app#140.112.107.197#100

Log in successfully
Enter the number of actions u want to take.
1 to ask for the latest list, 8 to Exit: █
```