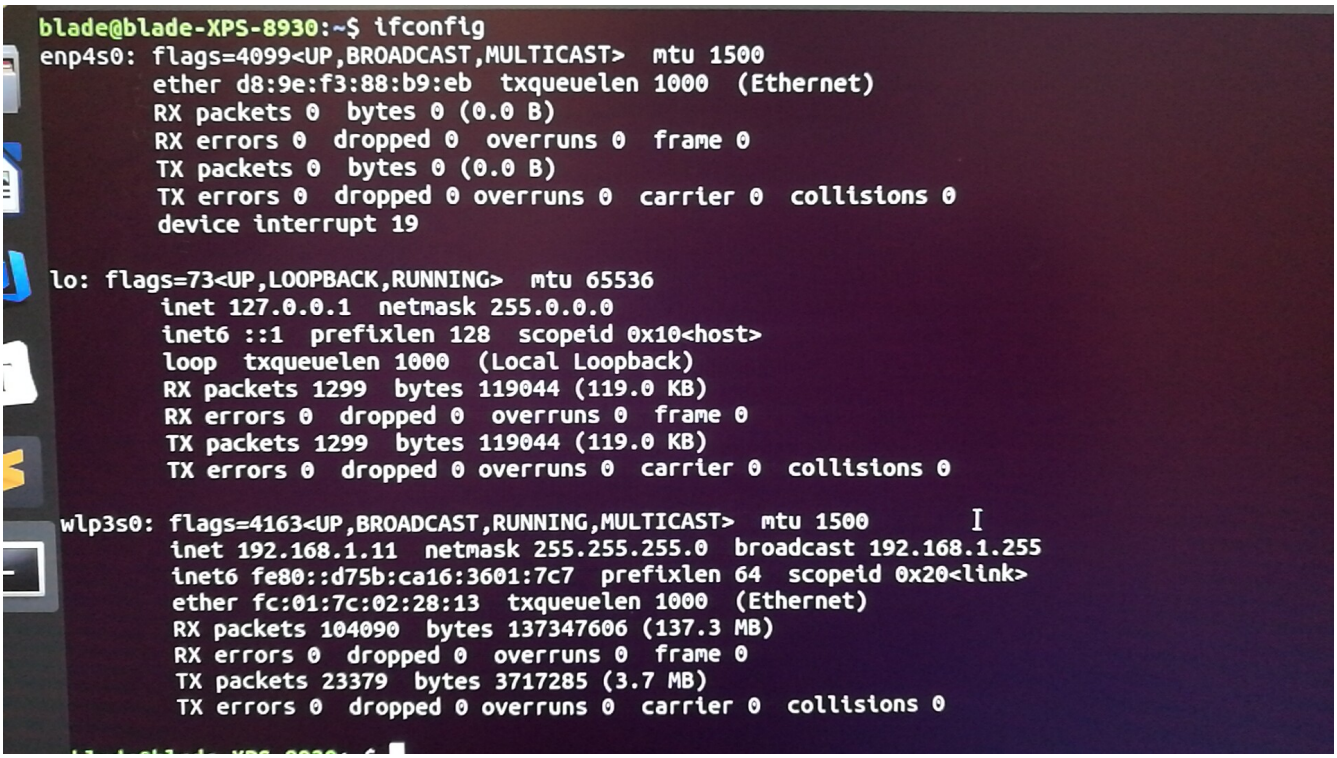
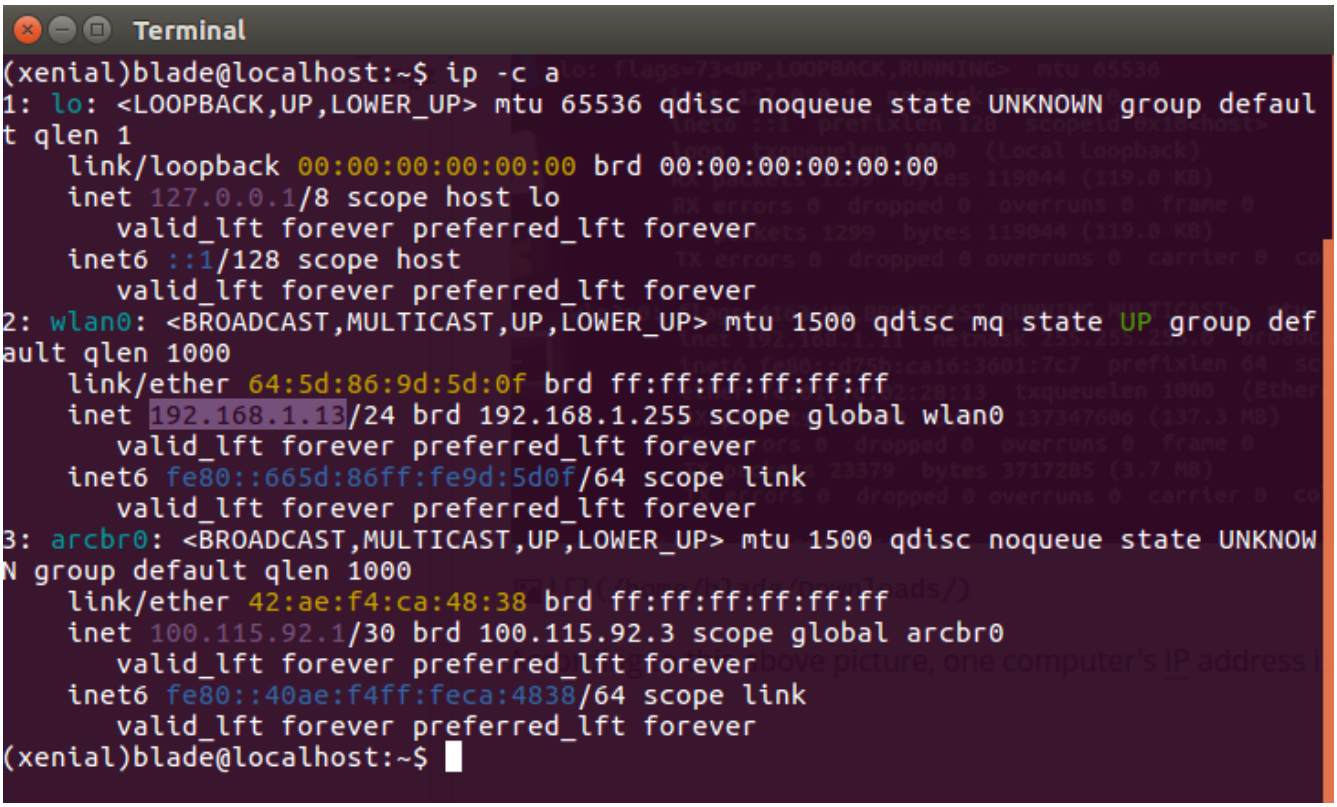
Assignment 2

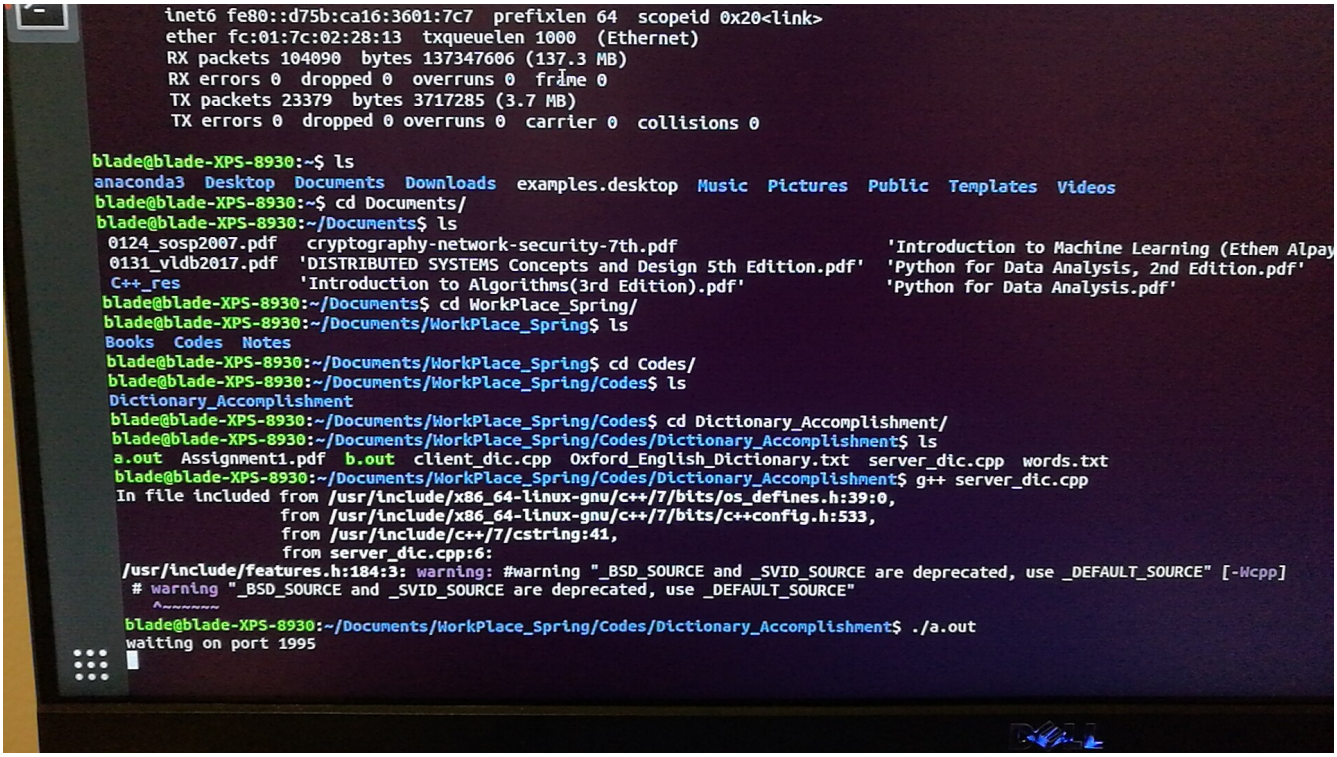
I have two machines. Both of them have Ubuntu System. In this project, I use UDP function to transport data between machines with C/C++.



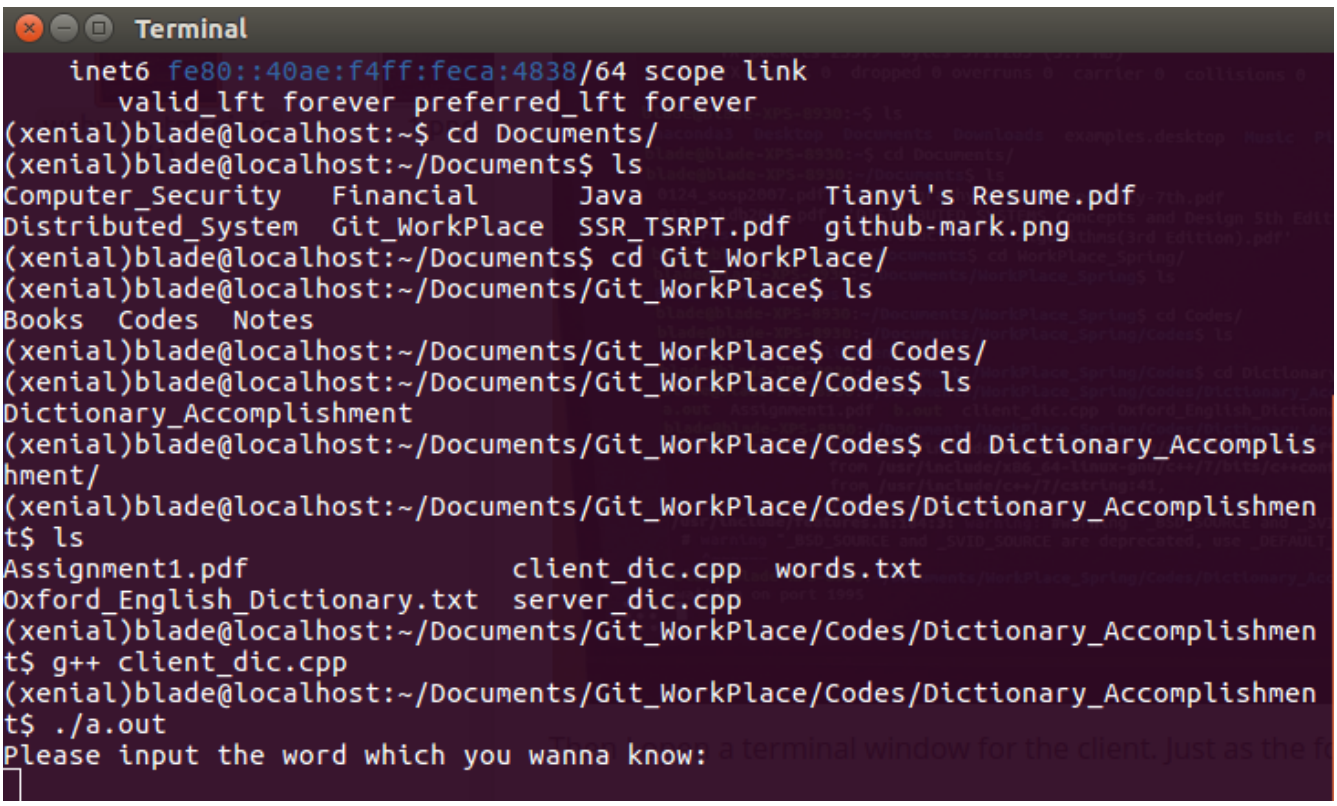


According to this above pictures, one computer 's IP address is 192.168.1.11, Another computer 's IP is 192.168.1.13.

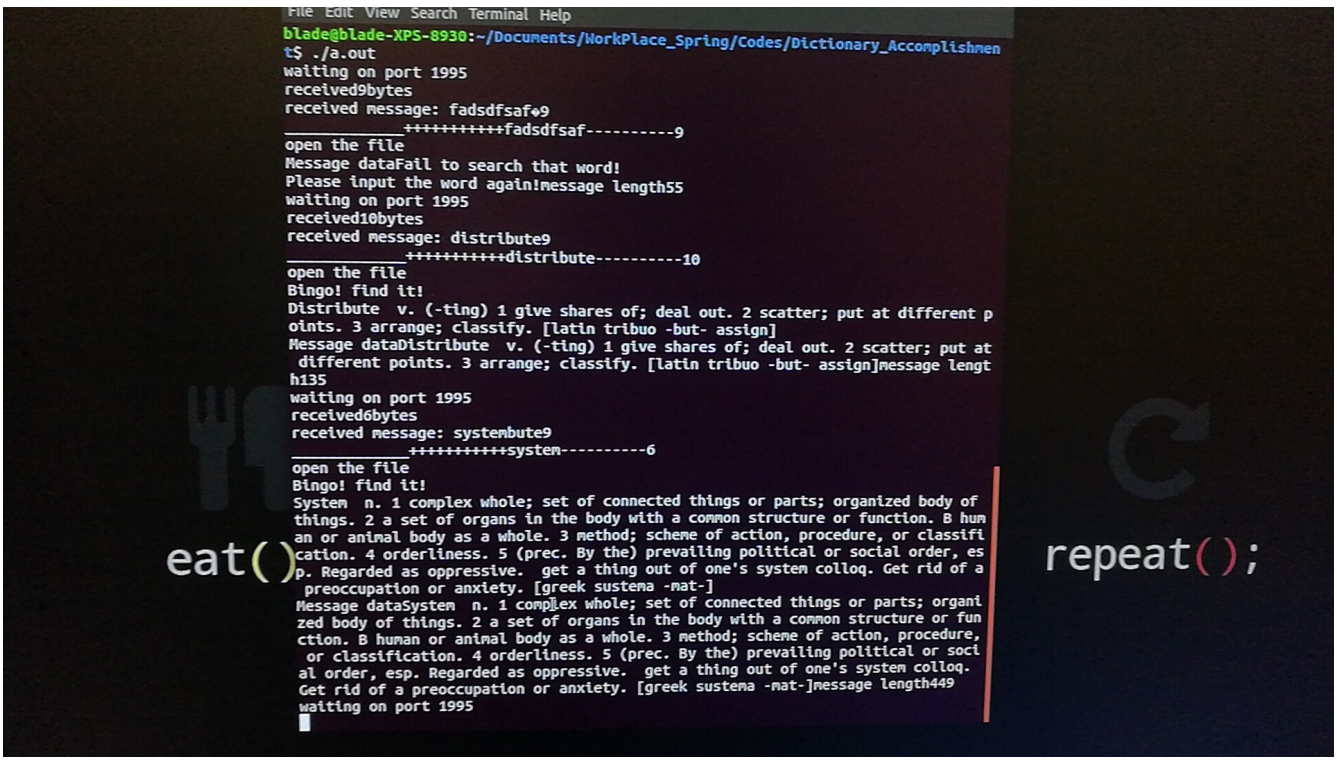
Then I open a terminal window for the server. Just as the following.



Then I open a terminal window for the client. Just as the following.



Then the testing result is :

```
Terminal
(xenial)blade@localhost:~/Documents/Git_WorkPlace/Codes/Dictionary_Accomplishmen
t$ g++ client_dic.cpp
(xenial)blade@localhost:~/Documents/Git_WorkPlace/Codes/Dictionary_Accomplishmen
t$ ./a.out
Please input the word which you wanna know:
fadsdfsaf
received55bytes
received message:
Fail to search that word!
Please input the word again!
Please input the word which you wanna know:
a
It is a letters
distribute
received135bytes
received message:
Distribute  v. (-ting) 1 give shares of; deal out. 2 scatter; put at different p
oints. 3 arrange; classify. [latin tribuo -but- assign]
Please input the word which you wanna know:
system
received449bytes
received message:
System  n. 1 complex whole; set of connected things or parts; organized body of
things. 2 a set of organs in the body with a common structure or function. B hum
an or animal body as a whole. 3 method; scheme of action, procedure, or classifi
cation. 4 orderliness. 5 (prec. By the) prevailing political or social order, es
p. Regarded as oppressive.  get a thing out of one's system colloq. Get rid of a
 preoccupation or anxiety. [greek sustema -mat-]
Please input the word which you wanna know:
```

The server: