

## Assignment 6 "Echo Client/Server"

Group - SS05

### Output Screenshots:

- Cleaning old output files from directory using "make clean" command.
- And compiling "client.c" and "server.c" programs using "make" command.

```
openflow@openflowtutorial:~/cmpe220$ make clean
rm -rf client server
openflow@openflowtutorial:~/cmpe220$ make
gcc server.c -o server
gcc client.c -o client
openflow@openflowtutorial:~/cmpe220$
```

- Run Server executable file with "./server" command.
- Run Client executable file with "./client" command in separate terminal.

```
openflow@openflowtutorial:~/cmpe220$ ./client
+++++
Enter new string to be send to server:
```

- After sending string to server,

- Example-1:

- Client side

```
+++++
Enter new string to be send to server:cmpe220

*****
Response from Server:
*****
Current date and time: 5/7/2015 15:23:25 Week day.
Letters count: 7.
Number of words: 1.
And Reversed string is:
022epmc
+++++
Enter new string to be send to server:█
```

- Server side

```
*****
Server is ready to handle request.
Client request received at 5/7/2015 15:23:25.
Sending data to client.

*****
Server is ready to handle request.
█
```

○ Example-2:

▪ Client side

```
+++++
Enter new string to be send to server:Prof. Eswar Badari

*****
Response from Server:
*****
Current date and time: 5/7/2015 15:29:20 Week day.
Letters count: 16.
Number of words: 3.
And Reversed string is:
iradaB rawsE .forP
+++++
Enter new string to be send to server:█
```

▪ Server side

```
*****
Server is ready to handle request.
Client request received at 5/7/2015 15:29:20.
Sending data to client.

*****
Server is ready to handle request.
█
```

- Example-3

- Client side

```
+++++
Enter new string to be send to server:Vaijayanthi Muralidharan is very Helpful.

+++++
Response from Server:
+++++
Current date and time: 5/7/2015 15:31:47 Week day.
Letters count: 37.
Number of words: 5.
And Reversed string is:
.lufpleH yrev si narahdilaruM ihtnayajiaV
+++++
Enter new string to be send to server:█
```

- Server side

```
*****
Server is ready to handle request.
Client request received at 5/7/2015 15:31:47.
Sending data to client.

*****
Server is ready to handle request.
█
```