

Internet Programming - Assignment -2

Snapshots

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Snapshots

Serv3 server process execution

```
unmesh@Unmesh: ~/IP/uj1300_2
[unmesh@Unmesh uj1300_2]$ cc -o serv3 serv3.c common.c
[unmesh@Unmesh uj1300_2]$ ./serv3
After fetch : iCounter = 0
iCounter = 1
pid 1 returned
After fetch : iCounter = 1
iCounter = 2
pid 1 returned
After fetch : iCounter = 2
iCounter = 3
pid 1 returned
After fetch : iCounter = 3
iCounter = 4
pid 1 returned
After fetch : iCounter = 4
iCounter = 5
pid 1 returned
After fetch : iCounter = 5
iCounter = 6
pid 1 returned
After fetch : iCounter = 6
iCounter = 7
pid 1 returned
After fetch : iCounter = 7
iCounter = 8
pid 1 returned
After fetch : iCounter = 8
iCounter = 9
pid 1 returned
After fetch : iCounter = 9
iCounter = 10
pid 1 returned
[unmesh@Unmesh uj1300_2]$
```

Client program execution using a shell script

```
[unmesh@Unmesh uji300_2]$ vim runclient.sh
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
10
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
5
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
0
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
11
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
6
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
0
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
11
[unmesh@Unmesh uji300_2]$ sh runclient.sh 127.0.0.1
connect failed: Connection refused
connect failed: Connection refused
connect failed: Connection refused
connect failed: Connection refused
connect failed: Connection refused
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
11
[unmesh@Unmesh uji300_2]$ sh runclient.sh 130.37.60.233
[unmesh@Unmesh uji300_2]$ ps -a | egrep -i "(serv3)" | wc -l
6
[unmesh@Unmesh uji300_2]$ sh runclient.sh 130.37.60.233
[unmesh@Unmesh uji300_2]$
```

Talk program improvisation, by using separates ports for connection and communication.

