

# *Assignment 10*

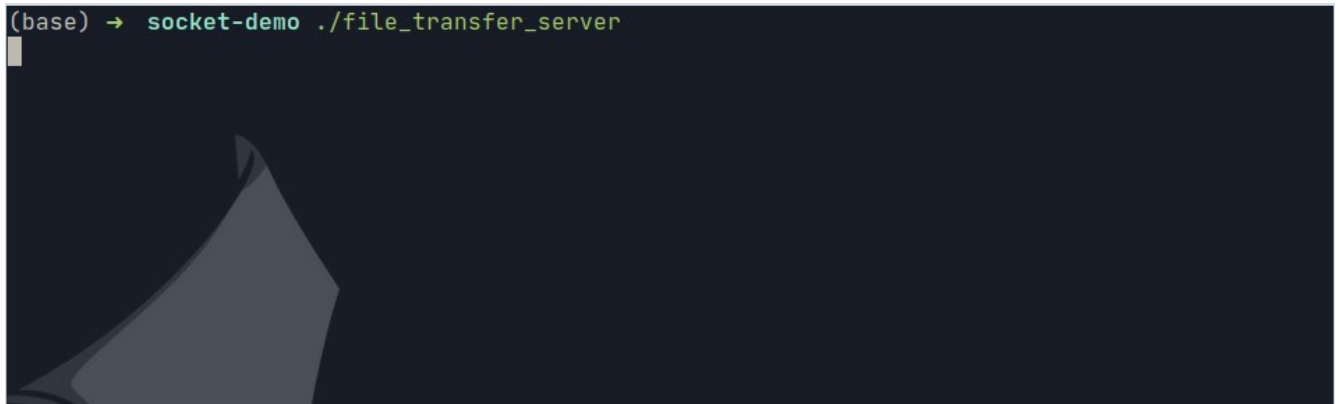
## *Inter Process Communication (IPC)*

*SYED ASAD ZAMAN*

*p180034*

# File Transfer Using TCP

```
(base) → socket-demo ./file_transfer_server
```





## DNS Server Using UDP

```
(base) → socket-demo ./dns_server
got packet from 127.0.0.1
packet contains "essayzed.net"

got packet from 127.0.0.1
packet contains "localhost"

got packet from 127.0.0.1
packet contains "slate.nu.edu.pk"
```



```
(base) → socket-demo ./dns_client localhost
Enter the domain name: essayzed.net
sent 13 bytes to 127.0.0.1
Received back the IP addresses
194.59.164.46
(base) → socket-demo ./dns_client localhost
Enter the domain name: localhost
sent 9 bytes to 127.0.0.1
Received back the IP addresses
127.0.0.1
(base) → socket-demo ./dns_client localhost
Enter the domain name: slate.nu.edu.pk
sent 15 bytes to 127.0.0.1
Received back the IP addresses
210.56.27.170
(base) → socket-demo █
```