

# Report on Assignment 6

## Congestion Control

Hardik Tharad

15CS10061

Shikha Panwar

15CS10060

### Compilation and Running procedure

- 1) Make
- 2) At server side ./server port\_no  
OR  
At client side ./client server\_adress port\_no

### Sample output

Sample file : Video of size 1.1 MB

Server

Client

```
shikha@shikha-HP-Pavilion-Notebook:~/Document/Academics/Semester 6/Networks Lab/Congestion controls$ ./client 10.109.65.37 8000
Please enter file name:
tmp.flv
```

```
MD5 received9fdb42c2dd4a0702cd11bf74cc5a40c
MD5 calculated9fdb42c2dd4a0702cd11bf74cc5a40c

MD5 Matched
total no. of packets 1027
```

Server

```
hardik@hardik-HP-Notebook:~/Desktop/Sixth_semester/Networks/Sliding_window$ ./server 8000
```

Server running

```
Filename :- Makefile no_of_packets :- 0001
Size :- 192
writing 0 packet 32279824
```

Server running

```
Filename :- tmp.flv no_of_packets :- 1027
Size :- 1051185
writing 0 packet 32279824
writing 1 packet 32279824
writing 2 packet 32279824
writing 3 packet 32279824
writing 4 packet 32279824
writing 5 packet 32279824
writing 6 packet 32279824
```

```
expecting seq_no 0
0.350000, 80Dropping this packet for testing
expecting seq_no 0
expecting seq_no 0
expecting seq_no 0
0.860000, 80writing 0 packet 39365904
expecting seq_no 1
expecting seq_no 1
0.920000, 80writing 1 packet 39365904
```