Report on Assignment 6
Congestion Control

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Compilation and Running procedure

1) Make
2) At server side ./server port_no
   OR
   At client side ./client server_adress port_no
3) To set drop percentage change the value of **prob_by_100** line 213 of udpclient.c

Sample output

Sample file : Video of size 1.1 MB
Tested with Drop probability _50_%

Client

```
shikha@shikha-HP-Pavilion-Notebook:~/Document/Academics/Semester 6/Networks lab/
Congestion control$ ./client 10.109.65.37 8000

Please enter file name:
tmp.flv
MD5 received9fdbc42c2dd4a0702cd11bf74cc5a40c
MD5 calculated9fdbc42c2dd4a0702cd11bf74cc5a40c

MD5 Matched
total no. of packets 1027
```

Server

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

Server running

Filename :- tmp.flv no_of_packets :- 1027
Size :- 1051185
prob_by_100 = 50
Dropping this packet for testing at i =3
Dropping this packet for testing at i =4
Dropping this packet for testing at i =6
Dropping this packet for testing at i =6
Dropping this packet for testing at i =7
Dropping this packet for testing at i =10
Dropping this packet for testing at i =10
Dropping this packet for testing at i =10
Dropping this packet for testing at i =11
Dropping this packet for testing at i =11
Dropping this packet for testing at i =13
Dropping this packet for testing at i =14
Dropping this packet for testing at i =15
Dropping this packet for testing at i =16
Dropping this packet for testing at i =16
Dropping this packet for testing at i =16
Dropping this packet for testing at i =16
Dropping this packet for testing at i =21
Dropping this packet for testing at i =21
Dropping this packet for testing at i =21
Dropping this packet for testing at i =22
Dropping this packet for testing at i =22
Dropping this packet for testing at i =23
Dropping this packet for testing at i =24
Dropping this packet for testing at i =24
```