

Getting started

We have submitted a `IP_Project2.jar` file and all java source files.

Running the tests

The commands are provided to run the code on a Linux machine. A new command prompt will be required to execute each of the below mentioned commands.

- Run the server program using `Server.jar` file and execute the following statement on the Linux machine :

```
java -cp IP_Project2.jar Server p2mpserver port# file-name p
```

where port# is the port number to which the server is listening (for this project, this port number is always 7735), file-name is the name of the file where the data will be written, and p is the packet loss probability.

- Run the client program using the following script :

```
java -cp IP_Project2.jar Client
```

You will be prompted to enter the details of the servers to transfer the file to.

```
Please invoke client to initiate Point to Multipoint file transfer with n(1 to 5) servers using following format
p2mpclient server-1 server-2..server-n server-port# file-name MSS
|
```

where server-i is the IP address where the i-th server (receiver) runs, i = 1, 2, 3,4,5 server-port# is the port number of the server (i.e., 7735), file-name is the name of the file to be transferred, and MSS is the maximum segment size. Note that the file should be present in the same directory where the jars are present.