Students in group
Eyanshu Gupta 2019H1030018P
Lucky Agrawal 2019H1030017P

no of attached file   3
client.c
filenameserver.c
filedataserver.c

Compilation and execution instructions

Client.c
cc client.c -o c
./c [ip of name server] [port no of name server]
./c 127.0.0.1 8080

Filenameserver.c
cc filenameserver.c -o ns
./ns [port no to run] [noof data server] [ip of data server] [port of data] [ip of data server] [port of data]
./ns 8080 3 127.0.0.1 8081 127.0.0.1 8082

Filedataserver.c
cc filedataserver.c -o ds
./ds [port no to run]

We have implemented the file structure of the bigfs by using a tree of linked list of three different types of structures.

Upload is used to upload a file or a folder
Download is used to download a file from bigfs
Cat command will download and display the file
Cp rm ls cd mv mkdir rmdir work as in local file system