Network Applications Programming Final Project

Python-Chatroom with File transmission

File

- client(.py)
  - client main program
- myclient(.py)
  - client class implementation
- server(.py)
  - server main program
- myserver(.py)
  - server class implementation
- mininetENV(.py)
  - mininet network environment

Feature

1. unicast chat
2. broadcast chat
3. upload file
4. download file

Usage command

- unicast chat

```
/chat <user> <chat_conent>
```

- broadcast chat

```
<chat_conent>
```

- list file on server

```
/ls
```

- upload file

```
/up <file_name>
```

- download file on server

```
/down <file_name>
```

- logout and terminal

```
/logout
```