

## DOKUMENTASI TUGAS 4

### Ketentuan membaca format

- Command sesuai dengan perintah yang dilakukan

```
cstring = d.split(" ")
command = cstring[0].strip()
hasil = pm.proses(d, dd)
if (command == "download"): #download file
    self.connection.sendall(hasil)
if (command == "list"): # list file
    self.connection.sendall(hasil.encode())
if (command == "upload"): # upload file
    self.connection.sendall(hasil.encode())
```

### Daftar Fitur

1. Upload File: fitur yang dijalankan client untuk meletakkan file ke server
2. Download File: Fitur yang dijalankan client untuk mengambil file dari server
3. List File: fitur yang digunakan untuk menampilkan list dari file-file yang ada di server

### Cara melakukan request

1. Jalankan server\_thread\_file.py
2. Menjalankan client\_download
  - a. Masukkan nama file yang ingin didownload di dalam client, lalu jalankan
  - b. Bila nama file ada di dalam server, maka file terdownload
  - c. Bila tidak ada, muncul pesan error
3. Menjalankan client\_upload
  - a. Masukkan nama file di dalam client, baru jalankan
  - b. File akan terupload ke dalam server
4. Menjalankan client\_list
  - a. Bila dijalankan akan menampilkan list file yang ada didalam server

### Respon yang didapat

1. Download

Untuk percobaan saya memasukkan nama file 77260.jpg

```
requestfile = "77260.jpg"
request = "download "+requestfile
sock.send(request.encode('utf-8'))
sock.shutdown(socket.SHUT_WR)
#print(request)
```

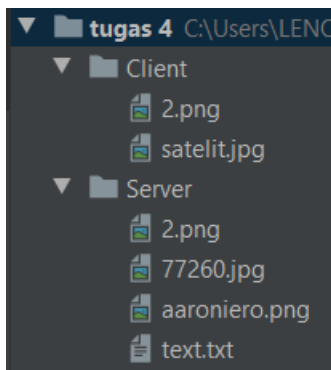
- a. Respon Client

```
b'\xfbf\x18\x93\x19\xda\xbe\xde\xbd\xea\x1d\x1a\xfb\x1d\x3\x9e\x5\xda\xfc7\xde\x9\xfb\xca'@\x04\xff\x00\x05EB2My\xf52\xab*\xd5)\xce-7\x5b5\x4\xfb\xfa\x19\xfa\x8f-\xed\x4\x70pa\x81\x18\xfd\x45,\xc7
b'\x8089(\xc9\xcd\xbc\x1c\x9a7\x0c\x18\xab\x96m\xcd\x99s\x10U\x8e1\x998\x91\x82")I\xfej\xfd6-\xe4\xca\xad\x7f*\x1\x8c\x9a\x15\x7\x94\x22\xdc\xda\xde\x99c\xad\xbc\xbb\x996\xae\x2\x01#\xe9
b'd\x7\x04"\xf2)\xb9\x37H\xdtT"\xda\xcb\x1\x07\xed-\x8f\x5k\xee\xae\xfe\x9\xab\x0\xbc@\x94c\x9e\x07j\x1k\xac\x94Q\x1d\x2\x08\xdc:\xf5\x7j\xbe\x9c\x2c\xac\x11\xdf\x9a\x06\xcd\x4c\x47\xed\
b'\x01\xbe\x3\x96\xcc0R1-\x8f\x15\xcf1\x7d7\xfd7^r*\xc8\x5J1\x1b\xfd\x9\x10\xfd7A\x0f\x801\x3\x06\x11\x5\xab0jV\x1f1"\x95XD1\x80\x0f\x0\xad\x82\x07\x13\x997n,t\x95\xbc\x05"\x1c
b'i\x96\x4d\x00\xcc\xdd\xda\x9e\xaf\x83\xcfj\x87v6\x1c\x1d1\x8b\xfbU\x0c\x5\x5,\xd0j(\x9f#\1\xfc"Ag\x84h\x5\x81\x8785h[A\x9d\xae\x03\x0fQW\x9\x19C\xae\x1\x00cM\xae\x86\x19\x8b\n)3\x57\x76\x8b\x8aX
file 77260.jpg has been downloaded
Close . . .
Process finished with exit code 0
```

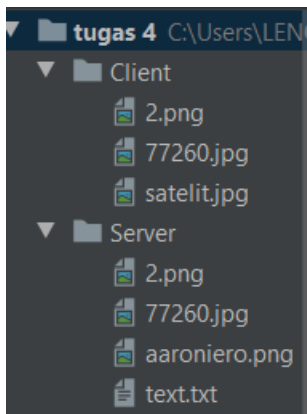
- Juga bersi kumpulan2 data yang terkirim
- b. Respon Server

```
C:\Users\LENOVO\AppData\Local\Programs\Python\Python38-32\python.exe "C:/Users/LENOVO/Documents/tugas 4/server_thread_file.py"
Running server . . .
WARNING:root:connection from ('127.0.0.1', 57906)
WARNING:root:download
```

- c. Sebelum download



- d. Sesudah download



## 2. Upload

Disini saya akan mencoba upload file satelit.jpg

```
Filename = "satelit.jpg"
if os.path.isfile("Client/" + Filename):
    Send = "upload " + Filename
```

- a. Respon Client

```
C:\Users\LENOVO\AppData\Local\Programs\Python\Python38-32\python.exe "C:/Users/LENOVO/Documents/tugas 4/client_upload.py"
connecting to ('127.0.0.1', 8889)
Sending: satelit.jpg
OK
Closing

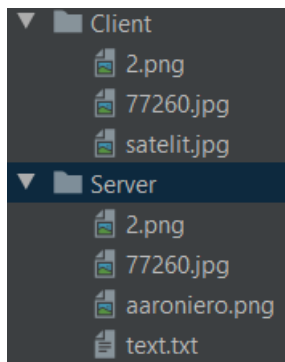
Process finished with exit code 0
```

#### b. Respon Server

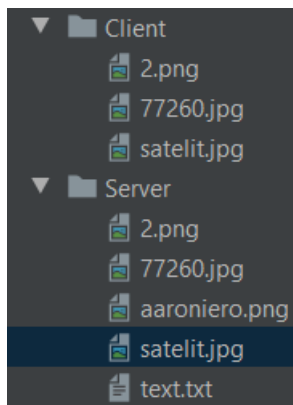
```
C:\Users\LENOVO\AppData\Local\Programs\Python\Python38-32\python.exe "C:/Users/LENOVO/Documents/tugas 4/server_thread_file.py"
Running server . . .
WARNING:root:connection from ('127.0.0.1', 57906)
WARNING:root:download
WARNING:root:connection from ('127.0.0.1', 57925)
WARNING:root:upload
```

- Yang diatas saat mencoba download sebelumnya, dibawahnya respon upload

#### c. Sebelum Upload



#### d. Sesudah Upload



### 3. List

#### a. Respon Client

```
C:\Users\LENOVO\AppData\Local\Programs\Python\Python38-32\python.exe "C:/Users/LENOVO/Documents/tugas 4/client_list.py"
<_io.TextIOWrapper name='<stderr>' mode='w' encoding='utf-8'> connecting to 127.0.0.1 port 8889
Request has been sent
List isi direktori :
{"file": ["2.png", "77260.jpg", "aaroniero.png", "satelit.jpg", "text.txt"]}

Process finished with exit code 0
```

#### b. Respon Server

```
WARNING:root:connection from ('127.0.0.1', 57947)
WARNING:root:list
```