

UDP

Client

```
import socket
```

```
serverName = '127.0.0.1'
```

```
serverPort = 12345
```

```
UDPClientSocket = socket.socket(socket.AF_INET,  
                                socket.SOCK_DGRAM)
```

```
sentence = input("Enter the filename")
```

```
UDPClientSocket.sendto(bytes(sentence, "utf-8"),  
                        (serverName, serverPort))
```

```
fileContents, serverAddress = UDPClientSocket.  
recvfrom(2048)
```

```
print('from server', fileContents)
```

```
UDPClientSocket.close()
```

UDP

Server

```
import socket
```

```
serverName = '127.0.0.1'
```

```
serverport = 12345
```

```
UDPServerSocket = socket.socket(socket.AF_INET,  
                                socket.SOCK_DGRAM)
```

```
UDPServerSocket.bind(serverName, serverport)
```

```
print("UDP server up and listening")
```

```
while (True):
```

```
client = server
```

```
sentence, clientAddress = UDPServerSocket.  
recvfrom(2048)
```

```
file = open(sentence, 'r')
```

```
l = server file.read(2048)
```

```
UDPServerSocket.sendto(bytes(l, "utf-8"),  
                        clientAddress)
```

```
print("sent back to Client: ", l)
```

```
file file.close()
```