

# UDP

## \* UDP client

```
from socket import *
client = socket(AF_INET, socket.SOCK_DGRAM)
client.connect(('127.0.0.1', 12000))
s = input("Enter file ")
client.sendto(bytes(s, 'utf-8'), ('127.0.0.1', 12000))
file, addr = client.recvfrom(2048)
print(file)
client.close()
```

## \* UDP server

```
from socket import *
server = socket(AF_INET, socket.SOCK_DGRAM)
server.bind(('127.0.0.1', 12000))
while 1:
    s, addr = server.recvfrom(2048)
    file = open(s, 'r')
    l = file.read(2048)
    server.sendto(bytes(l, 'utf-8'), addr)
    file.close()
```

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