

# Step 1: Change IP

```
120 serverAddress.sin_port = htons(PORT);
121 serverAddress.sin_addr.s_addr = inet_addr("10.0.2.15"); // PLEASE CHANGE IP ADDRESS TO YOUR IP ADDRESS|
122
```

## Step 2: Compiling and starting Server

```
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ g++ -o server server.cpp
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ ./server
```

```
-----
Server started
-----
```

## Step 3: Compiling and starting Client

```
mayur@mayur-VirtualBox: ~/Downloads/rdt (copy)
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ g++ -o client client.cpp
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ ./client test.txt 0.3 0.2
```

## Step 3: Output

```
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ g++ -o server server.cpp
mayur@mayur-VirtualBox:~/Downloads/rdt (copy)$ ./server
-----
Server started
-----
ACK Received!
NACK Received!
ACK Received!
ACK Received!
NACK Received!
ACK Received!
ACK Received!
ACK Received!
NACK Received!
ACK Received!
NACK Received!
ACK Received!
Nothing Received! Resending packet!
ACK Received!
ACK Received!
NACK Received!
ACK Received!
NACK Received!
ACK Received!
Nothing Received! Resending packet!
ACK Received!
ACK Received!
NACK Received!
ACK Received!
ACK Received!
NACK Received!
ACK Received!
NACK Received!
ACK Received!
NACK Received!
Nothing Received! Resending packet!
ACK Received!
Corrupted, sequence number: 1, Sending NACK
Corrupted, sequence number: 3, Sending NACK
Corrupted, sequence number: 6, Sending NACK
Corrupted, sequence number: 7, Sending NACK
Lost packet, sequence number: 8, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 10, Sending NACK
Corrupted, sequence number: 12, Sending NACK
Lost packet, sequence number: 13, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 15, Sending NACK
Corrupted, sequence number: 17, Sending NACK
Corrupted, sequence number: 20, Sending NACK
Corrupted, sequence number: 21, Sending NACK
Lost packet, sequence number: 22, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 27, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 37, Sending NACK
Lost packet, sequence number: 38, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 46, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 49, Sending NACK
Corrupted, sequence number: 52, Sending NACK
Corrupted, sequence number: 53, Sending NACK
Lost packet, sequence number: 55, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 56, Sending NACK
Lost packet, sequence number: 57, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 61, Sending NACK
Lost packet, sequence number: 66, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 67, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 68, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 69, Sending nothing. Waiting for server to resend
Lost packet, sequence number: 71, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 73, Sending NACK
Lost packet, sequence number: 76, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 80, Sending NACK
Corrupted, sequence number: 81, Sending NACK
Lost packet, sequence number: 82, Sending nothing. Waiting for server to resend
Corrupted, sequence number: 91, Sending NACK
Corrupted, sequence number: 93, Sending NACK
Corrupted, sequence number: 96, Sending NACK
Corrupted, sequence number: 97, Sending NACK
Corrupted, sequence number: 99, Sending NACK
```