## CS3093D Networks Laboratory - Assignment 7

## Anandu B Ajith - B180288CS 28 March 2022

## Instructions

- Usernames and passwords are loaded from "userlogincred.txt"
- $\bullet$  Code can be compiled using the following instructions

```
gcc mailclient.c — o mailclient
gcc popserver.c — o popserver
gcc smtpmail.c — o smtpmail
```

- "smtpmail", and "popserver" take PORT as command line argument
- "mailclient" takes SMTP\_PORT and POP\_PORT as arguments
- Example invocation

```
./smtpmail 2525
./popserver 1110
./mailclient 2525 1110
```

## Screenshots

Figure 1: Starting SMTP, POP Servers and trying to login with invalid password

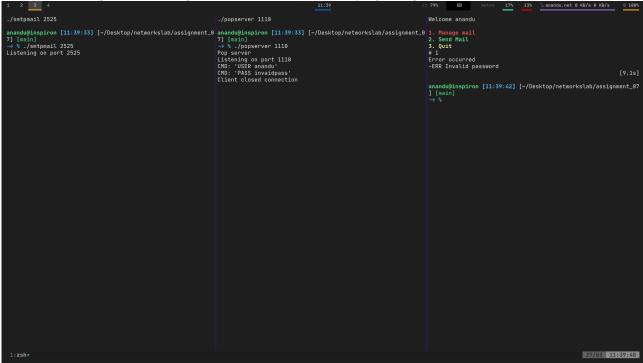
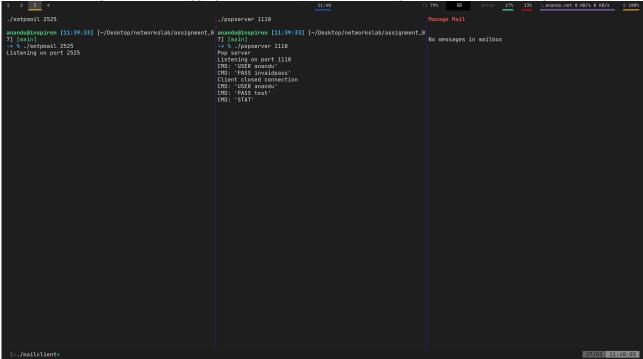
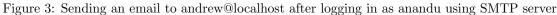


Figure 2: After logging in with valid password viewing mailbox with no messages





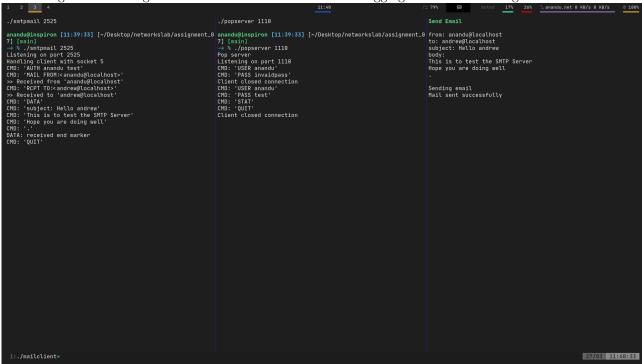


Figure 4: Logging in as andrew and viewing messages in his inbox using POP server

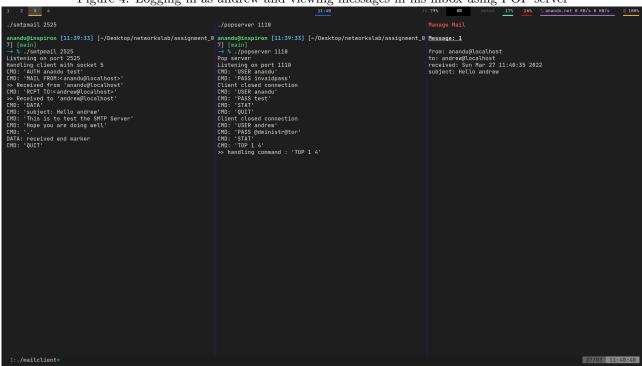


Figure 5: Trying to send invalid email with wrong domain

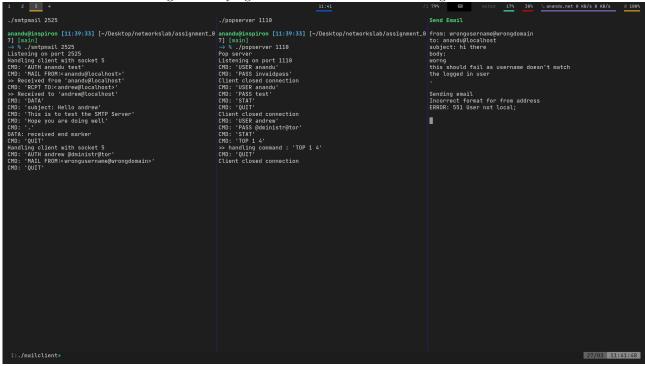


Figure 6: Trying to impersonate other user, and getting AUTH error

```
.//stpsail 2525

//spsail 2525

//sp
```