

Welcome to
Department of Computer Science and Engineering
CEG Campus
Anna University
Chennai 600 025
Tamil Nadu.

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Important :

Website Address : <http://14.139.161.31> → outside University

Website Address : <http://10.5.12.254> → inside University using WiFi Network

Website Address : <http://10.5.12.254> → inside University using Lab Network

Dear Student,

Please find below the steps to access the following

1. web server to access study materials to Practicals

Please Click on the links for any materials being shared.

2. Username and Password to login into the Linux Server
 - a. Go to any web browser in your laptop, desktop or mobile (Google Chrome, Mozilla Firefox, Internet Explorer)

The following screen will be displayed

Dept of CSE - CEG Campus - Anna University - Second Floor Lab

சுதந்திரத்திற்கு நாள் அமுதம் பெருவீழா

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்; சாதனை புரிந்து சரித்திரம் படைப்போம்"

Azadi Ka Amrit Mahotsav

Linux Server Link

[Users accessing from outside University Network - http://14.139.161.31](http://14.139.161.31)

[Users accessing from University_RCC Network / RCC WiFi - http://10.5.12.254](http://10.5.12.254)

[Users accessing from Department Computer Lab Network - http://192.168.1.200](http://192.168.1.200)

Video Link

[*** Precautionary Measures to Overcome COVID Pandemic by Hon'ble Vice Chancellor, Anna University, Chennai***](#)

File Download Links for ME - October 2022 - January 2023 Semester

FOR ==> 1st Year - Computer Networks Lab - ME (CSE) I Semester

[A Beginners Guide to Socket Programming in C dated 13.10.2022 **New**](#)

[Basic Linux Operating System Commands dated 13.10.2022](#)

[Basic Linux Operating System Commands SUMMARY dated 13.10.2022](#)

[VIM Editor Command Reference dated 13.10.2022](#)

[VIM Editor Reference dated 13.10.2022](#)

FOR ==> 1st Year - Software Development Lab - ME (SE) I Semester

[Reference Documents - Right Click & Save Link As to Download and Unzip locally dated 13.10.2022 **New**](#)

FOR ==> 1st Year - Adv Data Structure Lab - ME (CSE/SE/BD) I Semester

*** PI FASF NOTF -- Use 'vim' command instead of 'vi' for colored keywords, and Auto indenting feature ***

- Click on appropriate link

In Web Browser, you will get the following screen or similar :

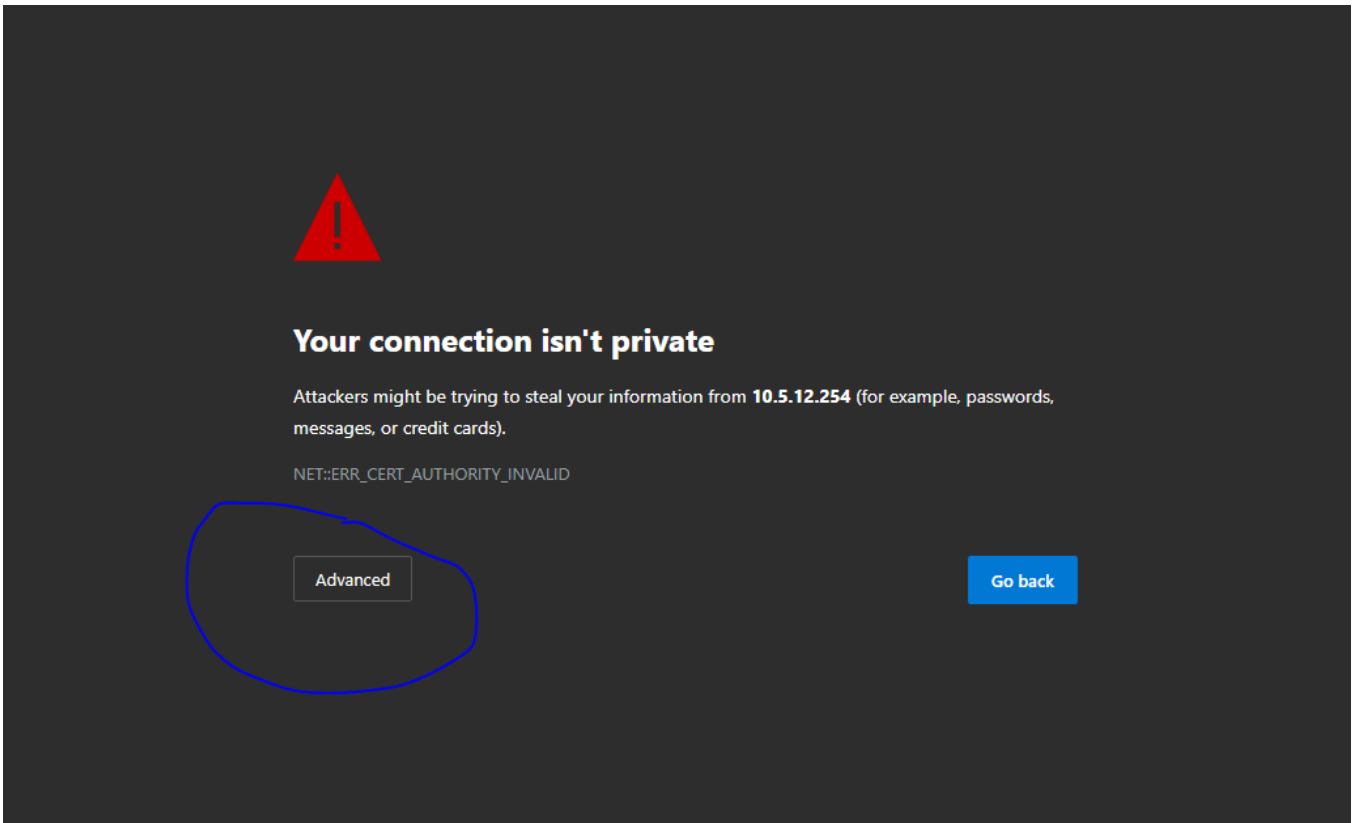
Your connection isn't private

Attackers might be trying to steal your information from **10.5.12.254** (for example, passwords, messages, or credit cards).

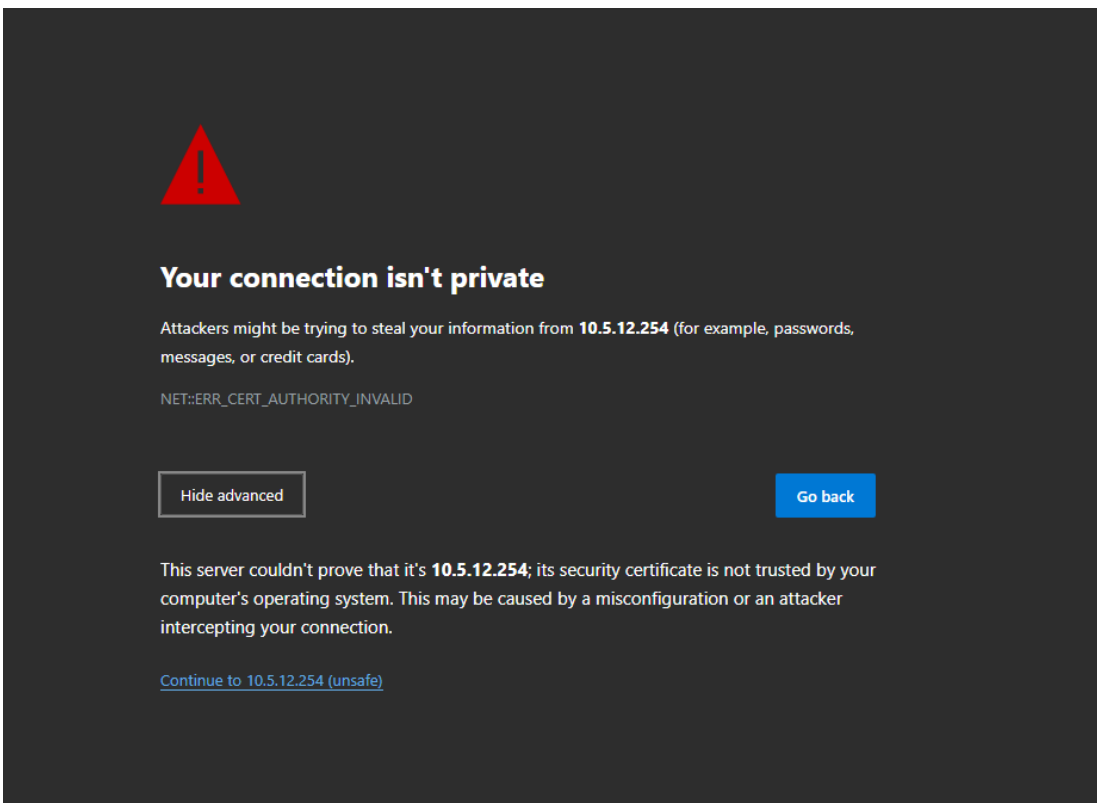
NET::ERR_CERT_AUTHORITY_INVALID

Advanced Go back

- Click on Advanced (circled in Blue)



- The following screen or similar will be displayed



- Click on "Proceed to 14.139.161.31 (unsafe)" (circled in blue)



Your connection isn't private

Attackers might be trying to steal your information from **10.5.12.254** (for example, passwords, messages, or credit cards).

NET::ERR_CERT_AUTHORITY_INVALID

Hide advanced

Go back

This server couldn't prove that it's **10.5.12.254**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Continue to 10.5.12.254 \(unsafe\)](#)

- The following screen will be displayed

```
centos8-linux login:
```

- Type the following User ID and enter

s2022???????

```
centos8-linux login:
```

- Type the following password and enter

?????????

- The following screen will be displayed

```
centos8-linux login: [REDACTED]  
Password:  
Last login: Tue Feb 16 16:09:11 from 10.5.15.193  
[REDACTED]@centos8-linux Wed Feb 17 10:53 AM ~]$ █
```

The above prompt with “\$” symbol is ready to receive the linux commands from the users.

C & C++ Programming

- Type the following command at \$ prompt and enter

```
centos8-linux login:  <== Type given username
Password:  <== enter password
Last login: Mon Mar 1 10:56:58 from :
[ ~ ]@centos8-linux Mon Mar 01 10:57 AM ~]$ cc  <== for compiling C files with .c extension
cc: fatal error: no input files
compilation terminated.
[ ~ ]@centos8-linux Mon Mar 01 10:57 AM ~]$ c++  <== for compiling C++ files with .cc extension
c++: fatal error: no input files
compilation terminated.
[ ~ ]@centos8-linux Mon Mar 01 10:57 AM ~]$
```

Please give the following command after completing your lab session. Do not close the browser without issuing the following command which will physically close & save all your works with the server.

```
[ ~ ]@centos8-linux Wed Feb 17 10:54 AM ~]$ exit
```

and then press “Enter” as instructed on the screen and close the browser.

```
[ ~ ]@centos8-linux Wed Feb 17 10:54 AM ~]$ exit
logout
Session closed.
```

Connect