

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

Student Name : «StuName» («Sno»)

Important :

Website Address : <http://14.139.161.31> – for Public Internet Network (Home)

Website Address : <http://10.5.12.254> – for RCC Internet Network (University)

Website Address : <http://192.168.1.200> – for Lab Domain Network (Department)

Dear Student,

Please find below the steps to access the following

1. web server to access study materials to “CS6101 - Programming in C”

Please Click on the links for any materials being shared.

2. Username and Password to login into the Linux Server for “CS6101 - Programming in C” – Practicals
 - a. Go to any web browser in your laptop, desktop or mobile (Google Chrome, Mozilla Firefox, Internet Explorer)
 - Type or click the following in the address bar

<http://14.139.161.31>

or

<http://10.5.12.254>

or

<http://192.168.1.200>

- The following screen will be displayed



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

சுதந்திரத்திருநாள் அமுதப் பெருனிழா

"சோதனை கடந்து சுதந்திரம் அடைந்தோம்; சாதனை புரிந்து சரித்திரம் படைப்போம்"

Azadi Ka Amrit Mahotsav

Linux Server Link

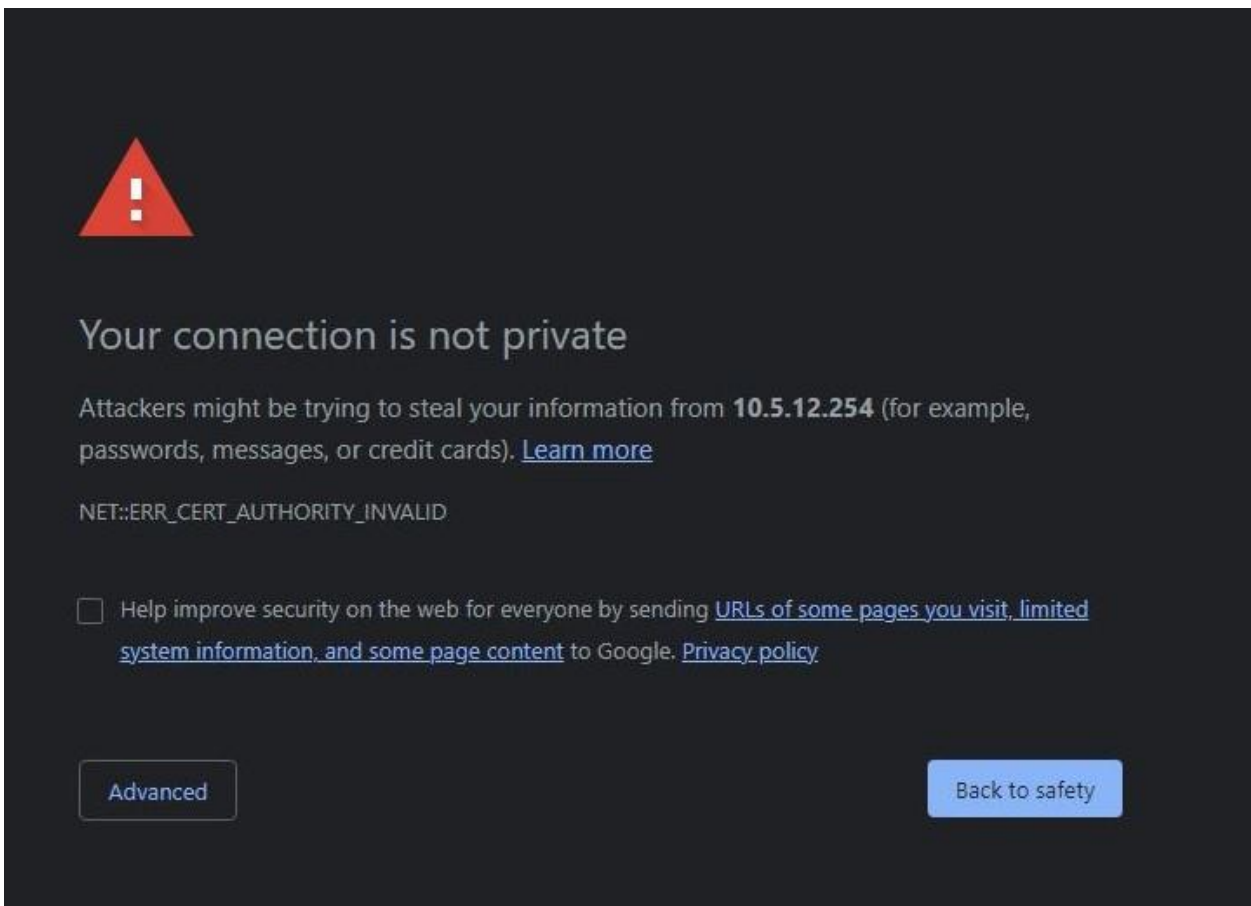
[Users accessing from outside University Network - http://14.139.161.31](http://14.139.161.31)

[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

- Click on “Users accessing from University / Department ” as instructed
- In Google Chrome Browser, you will get the following screen



Your connection is not private

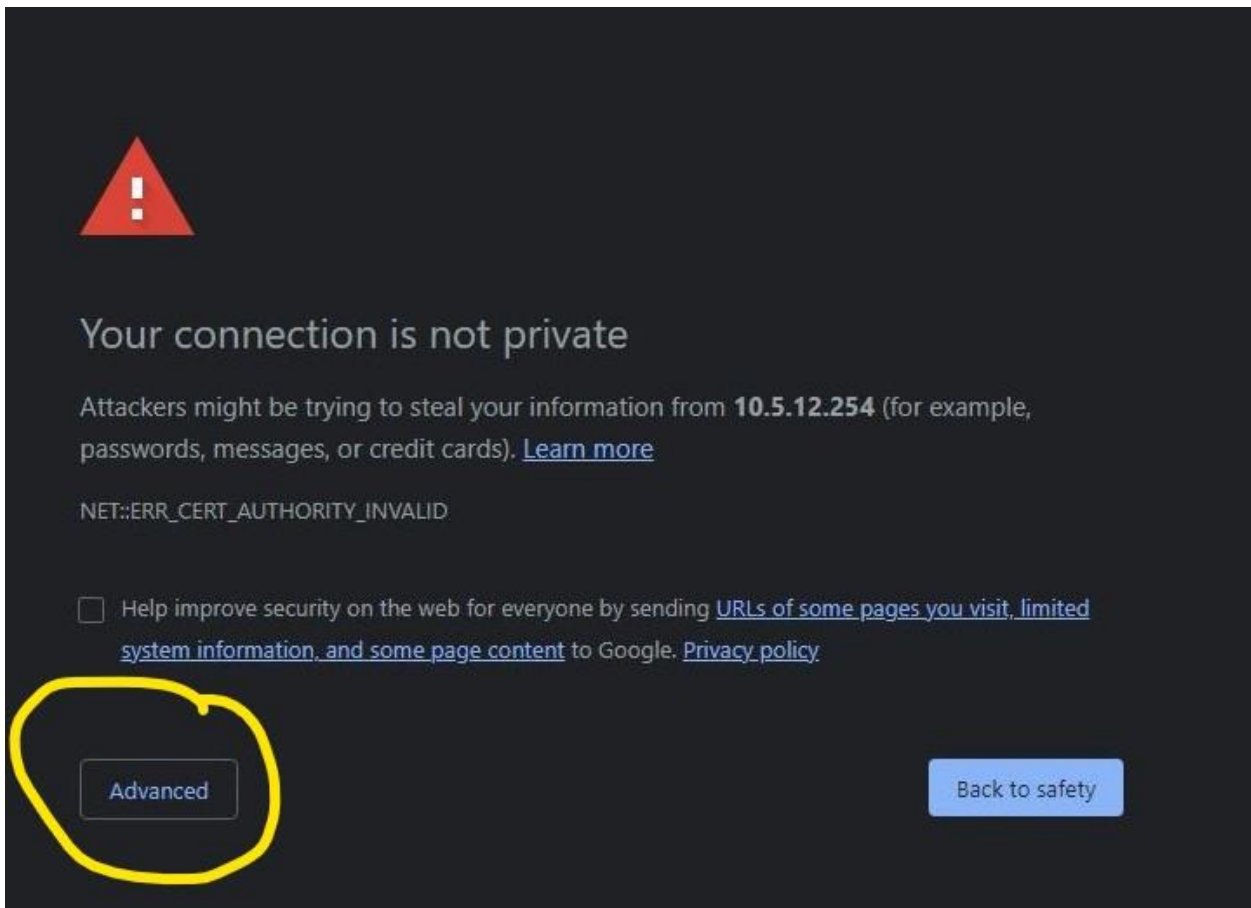
Attackers might be trying to steal your information from **10.5.12.254** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

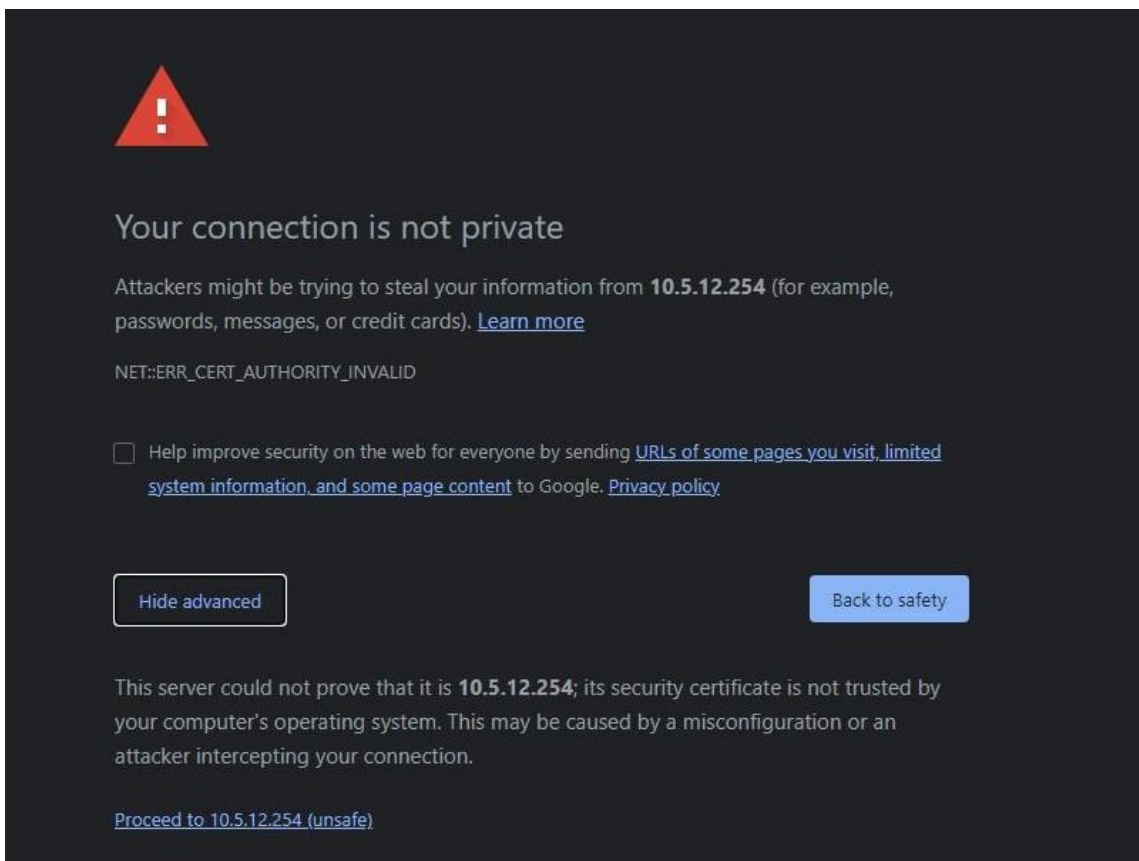
Help improve security on the web for everyone by sending [URLs of some pages you visit, limited system information, and some page content](#) to Google. [Privacy policy](#)

Advanced Back to safety

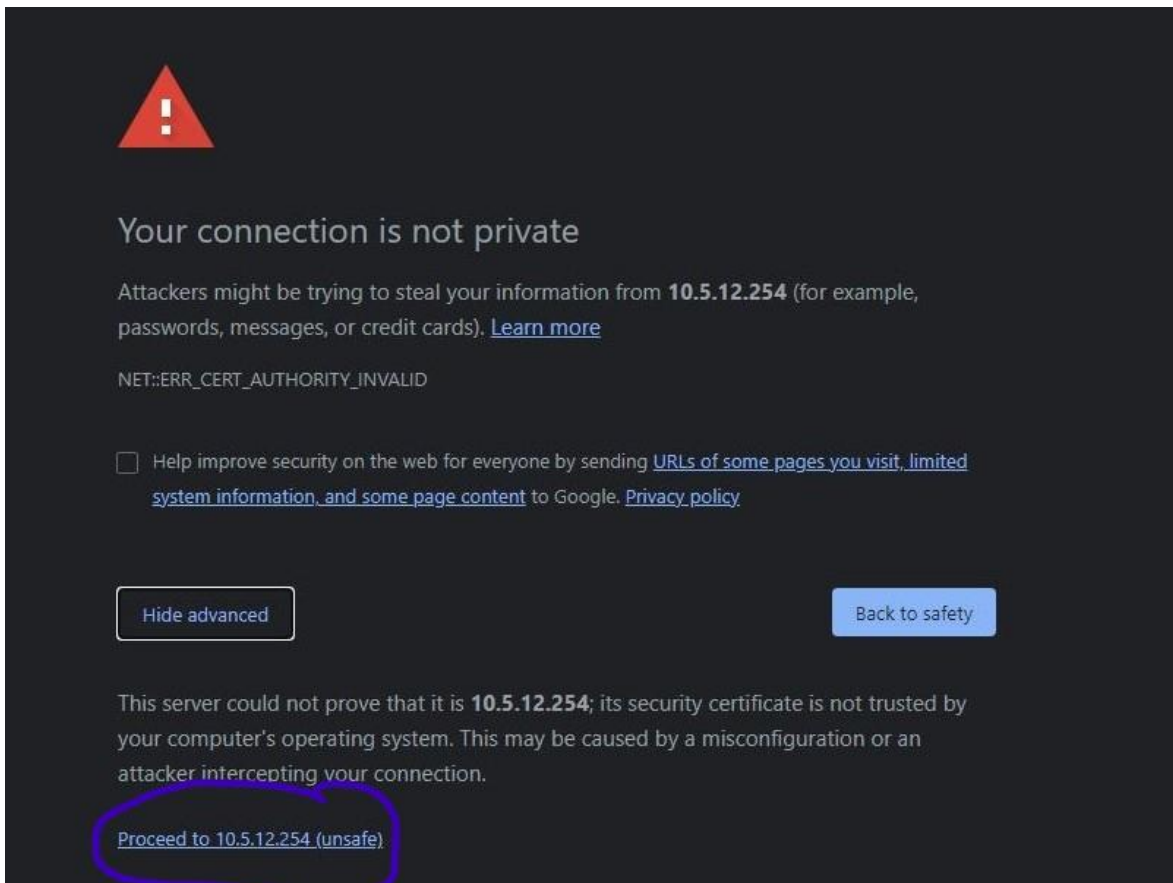
- Click on Advanced (circled in yellow)



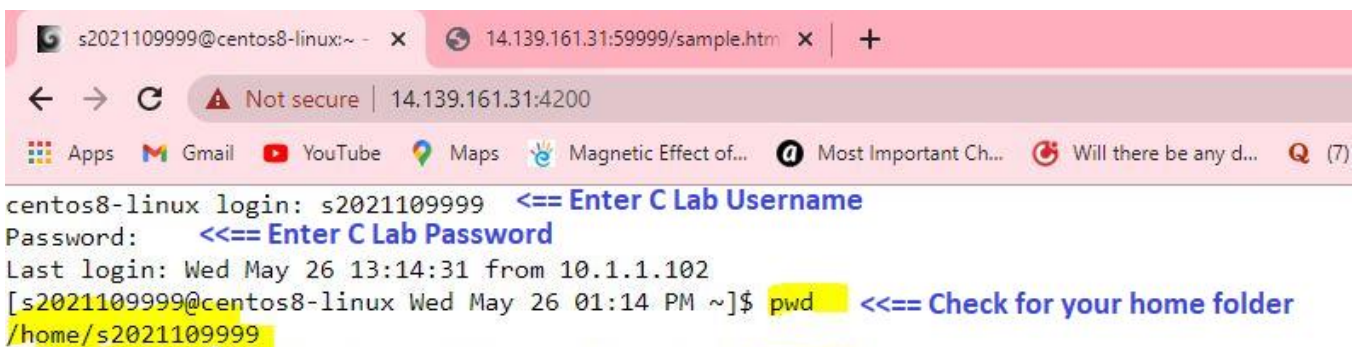
- The following screen will be displayed



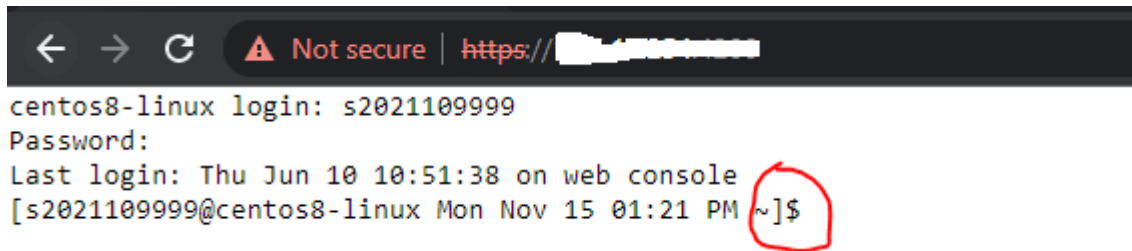
- Click on "Proceed to xx.xx.xxx.xxx (unsafe)" (circled in blue)



- The following screen will be displayed



- The following screen will be displayed



```
centos8-linux login: s2021109999
Password:
Last login: Thu Jun 10 10:51:38 on web console
[s2021109999@centos8-linux Mon Nov 15 01:21 PM ~]$
```

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

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.


```
← → ↻ ⚠ Not secure | https://10.5.12.254:4200
centos8-linux login: s2021109999
Password:
Last login: Mon Nov 15 13:21:30 from 10.5.13.241
[s2021109999@centos8-linux Mon Nov 15 01:28 PM ~]$ vi hello.c
[s2021109999@centos8-linux Mon Nov 15 01:35 PM ~]$ cc hello.c
[s2021109999@centos8-linux Mon Nov 15 01:47 PM ~]$ ./a.out
```

Type './a.out' to run the program and see the output.

If there is no errors only, you get just \$ prompt after 'cc hello.c' command

else errors will be displayed and please rectify/correct all the error and repeat 'cc hello.c' command till all errors are corrected

```
← → ↻ ⚠ Not secure | https://10.5.12.254:4200
centos8-linux login: s2021109999
Password:
Last login: Mon Nov 15 13:21:30 from 10.5.13.241
[s2021109999@centos8-linux Mon Nov 15 01:28 PM ~]$ vi hello.c
[s2021109999@centos8-linux Mon Nov 15 01:35 PM ~]$ cc hello.c
[s2021109999@centos8-linux Mon Nov 15 01:47 PM ~]$ ./a.out
Hello World[s2021109999@centos8-linux Mon Nov 15 01:50 PM ~]$ █
```

Highlighted 'Hello World' is the output of C Program 'hello.c'

Repeat './a.out' command to run the program every time for last compiled program using command 'cc'

Closing the Online Server Connection

```
← → ↻ ⚠ Not secure | https://[redacted]  
[s2021109999@centos8-linux Mon Nov 15 01:23 PM ~]$ exit
```

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

```
← → ↻ ⚠ Not secure | https://10.5.12.254:4200  
[s2021109999@centos8-linux Mon Nov 15 01:23 PM ~]$ exit  
logout  
Session closed.
```

Connect

the ‘exit’ command disconnects the connection with University Server and you can close the browser.