

Connecting to ilab

CS 211: Computer Architecture

Fall 2020

1 Activate your account

Go to <https://services.cs.rutgers.edu/accounts/> and select “Activate an account on a Computer Science system”

2 Connect to ilab

You can connect via ssh (terminal) or x2go or remote desktop (both graphical)

- ssh: <https://www.howtogeek.com/311287/how-to-connect-to-an-ssh-server-from-windows/>
- x2go: <https://resources.cs.rutgers.edu/resources/other/x2go/>
- remote desktop: <https://resources.cs.rutgers.edu/docs/computer-systems/windows-remote-desktop/>

3 C quickstart

- Open a terminal on ilab
- Create a new directory: `mkdir cs211`
- Go into that directory: `cd cs211`
- Edit a new file with your favorite text editor:
 - `emacs hello.c`
 - `vim hello.c`
 - `nano hello.c`

- Type the following program:

```
#include <stdio.h>

int main(int argc, char* argv[])
{
    printf("Hello world!\n");
}
```

- Exit your editor
- Compile the program: `gcc -o hello hello.c`
- Run the program: `./hello`