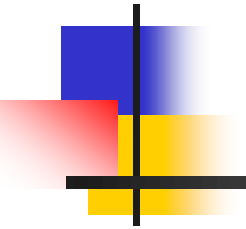


Getting Started with Java on Linux

About Circe

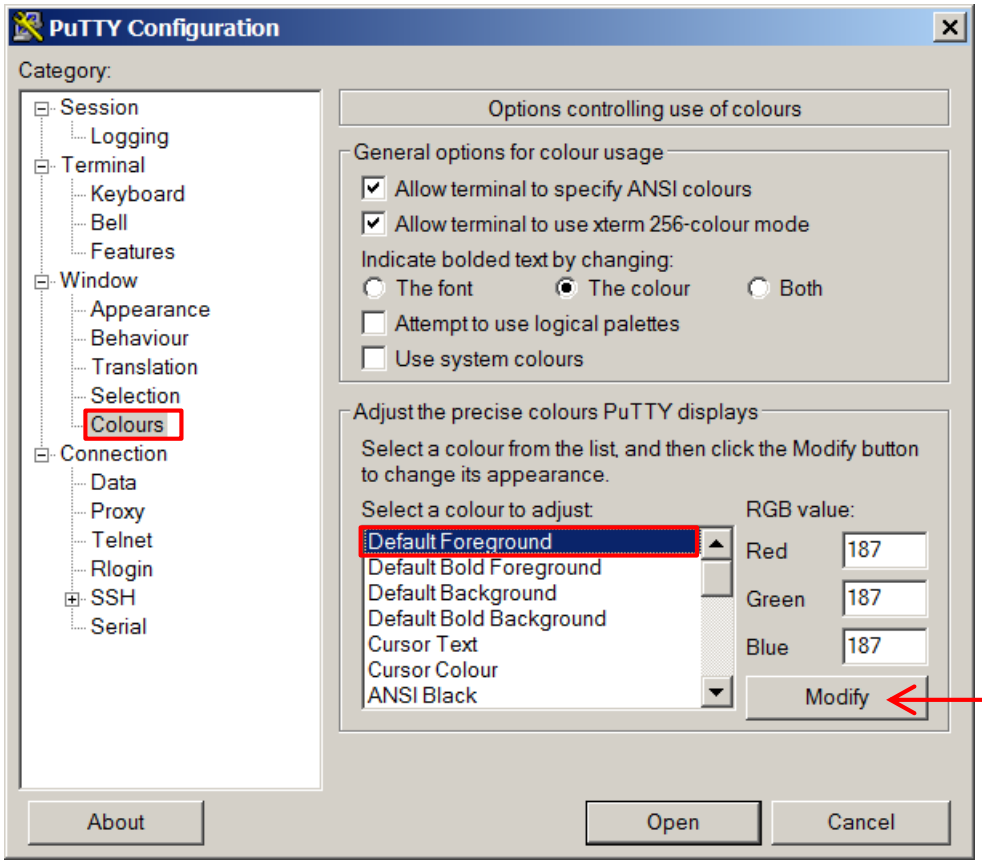
- All USF students have access to a Linux system known as Circe.
- Try logging in with your USF NetID.
  - (Details follow.)
- If unsuccessful, contact the USF IT Help Desk, 974-1222.

Connecting to Circe

- Use an SSH terminal client program to connect to Circe.
- Recommended client program is PuTTY
  - Can download from http://www.putty.org/
- Just click on putty.exe to run it
- PuTTY is available on the ENB 116 computers.
  - Click the Start button and type putty into the search box.

Setting Screen Colors in PuTTY

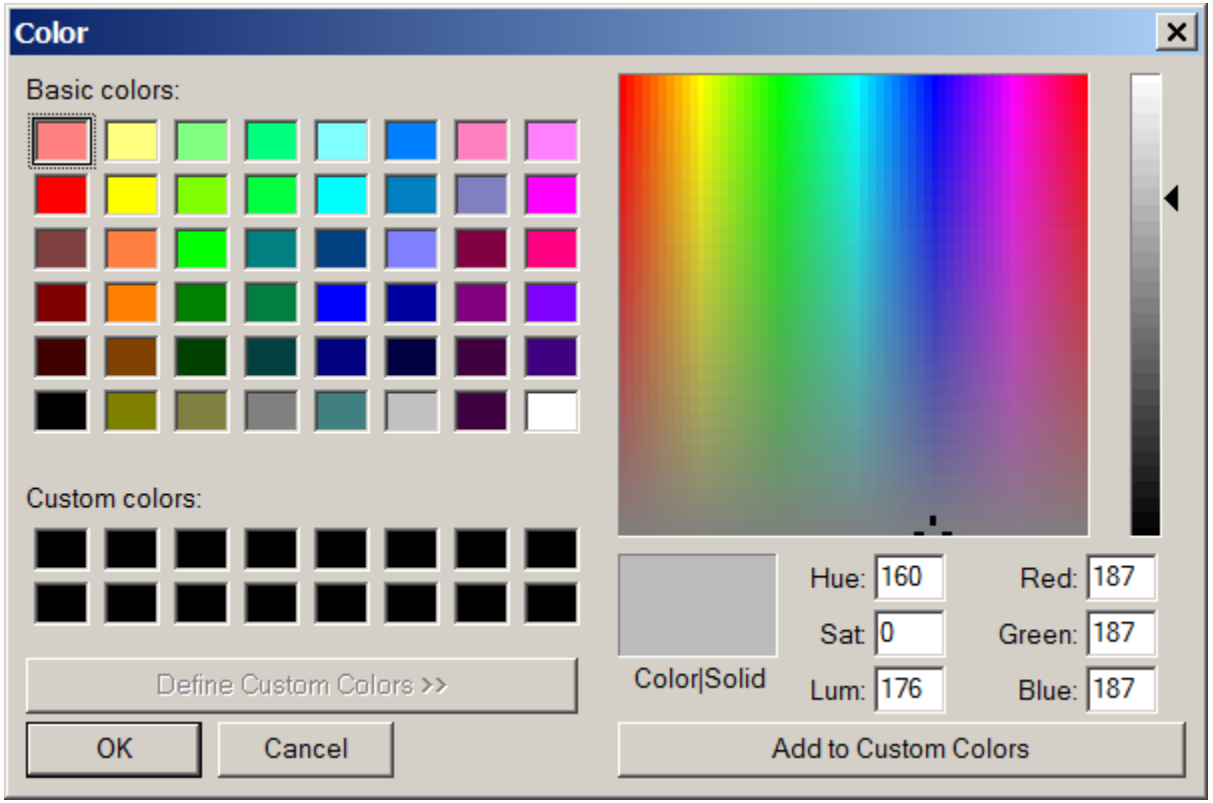
Not necessary if you like white text on black background.



Click here

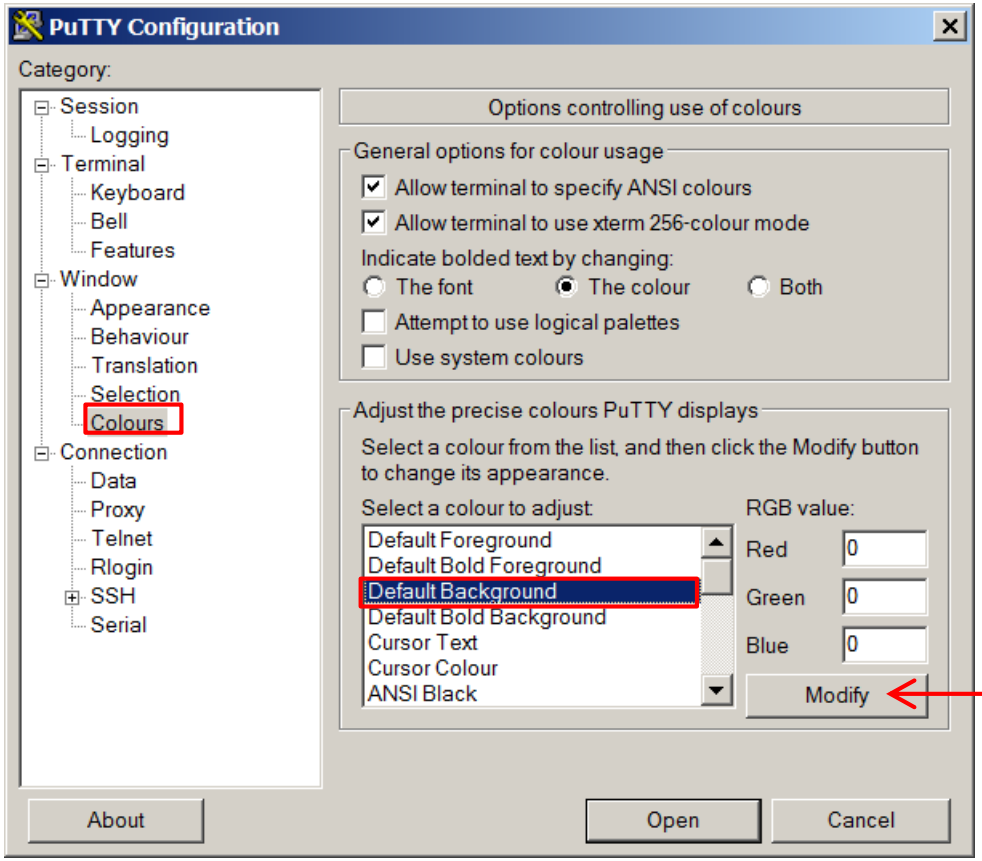
Setting Screen Colors in PuTTY

Click on the color that you want for text.



Then click OK

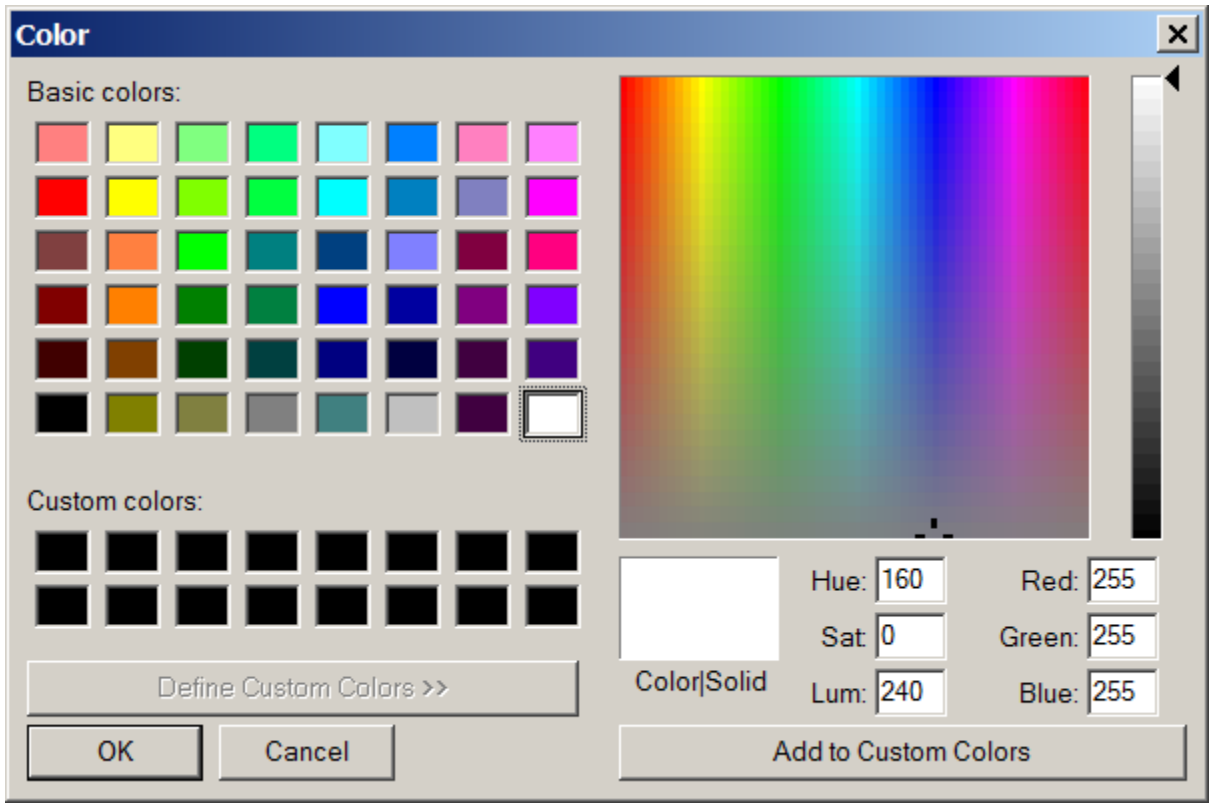
Setting Screen Colors in PuTTY



Click here

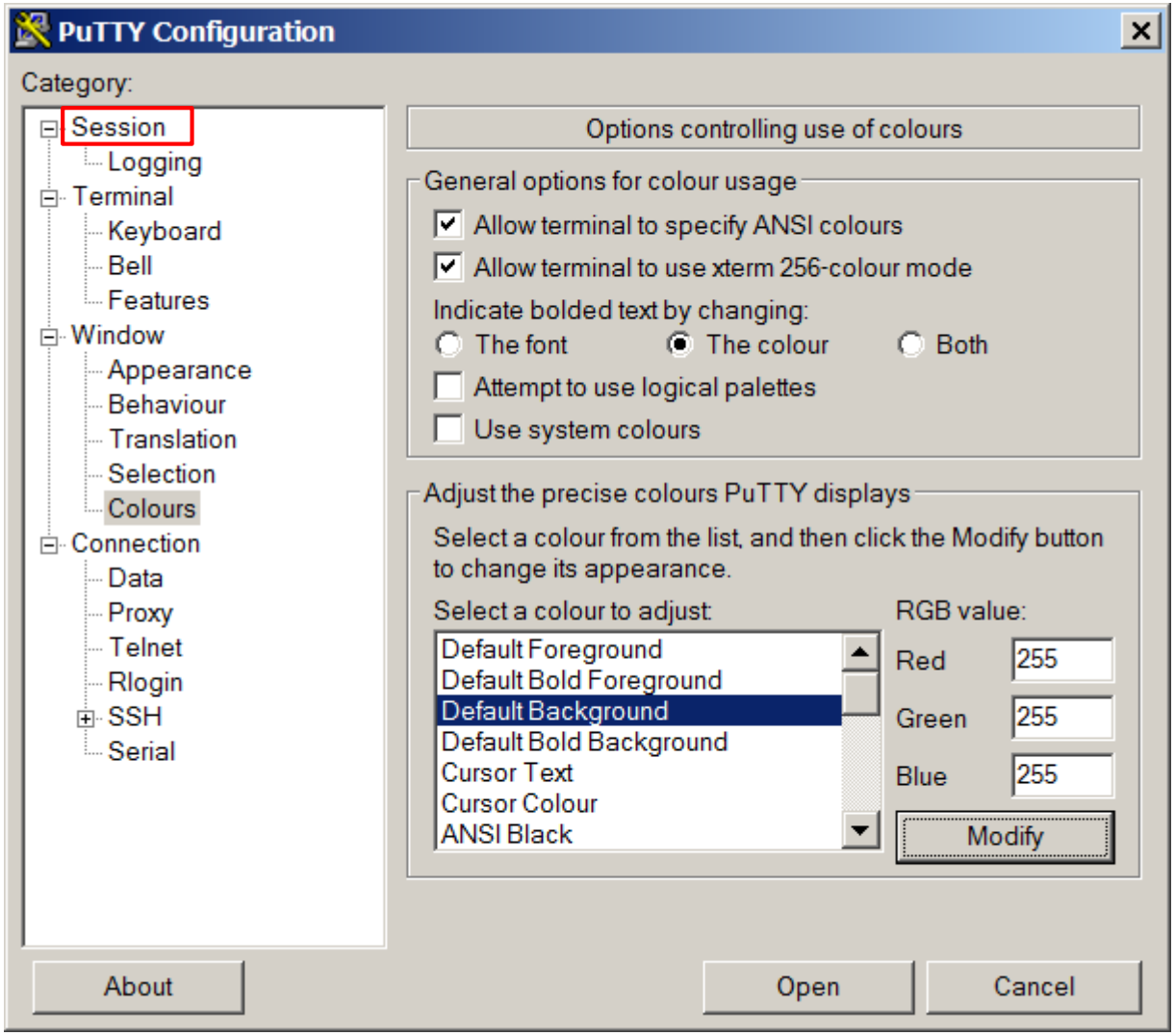
Setting Screen Colors in PuTTY

Click on the color that you want for background



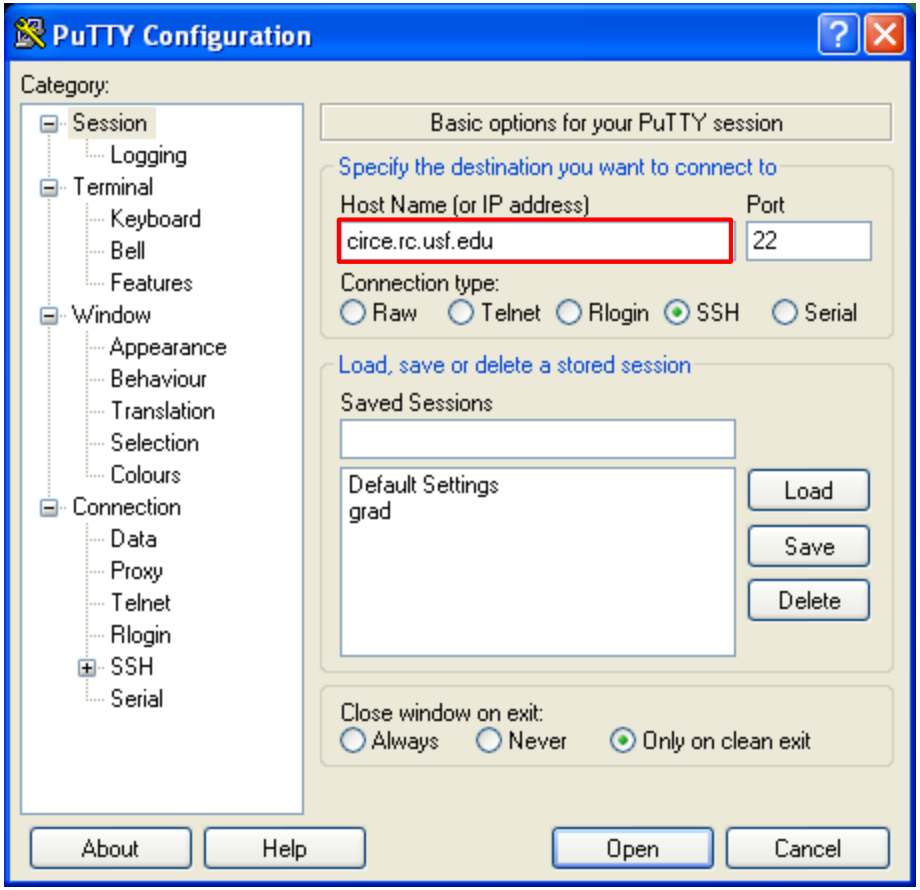
Then click OK

Setting Screen Colors in PuTTY



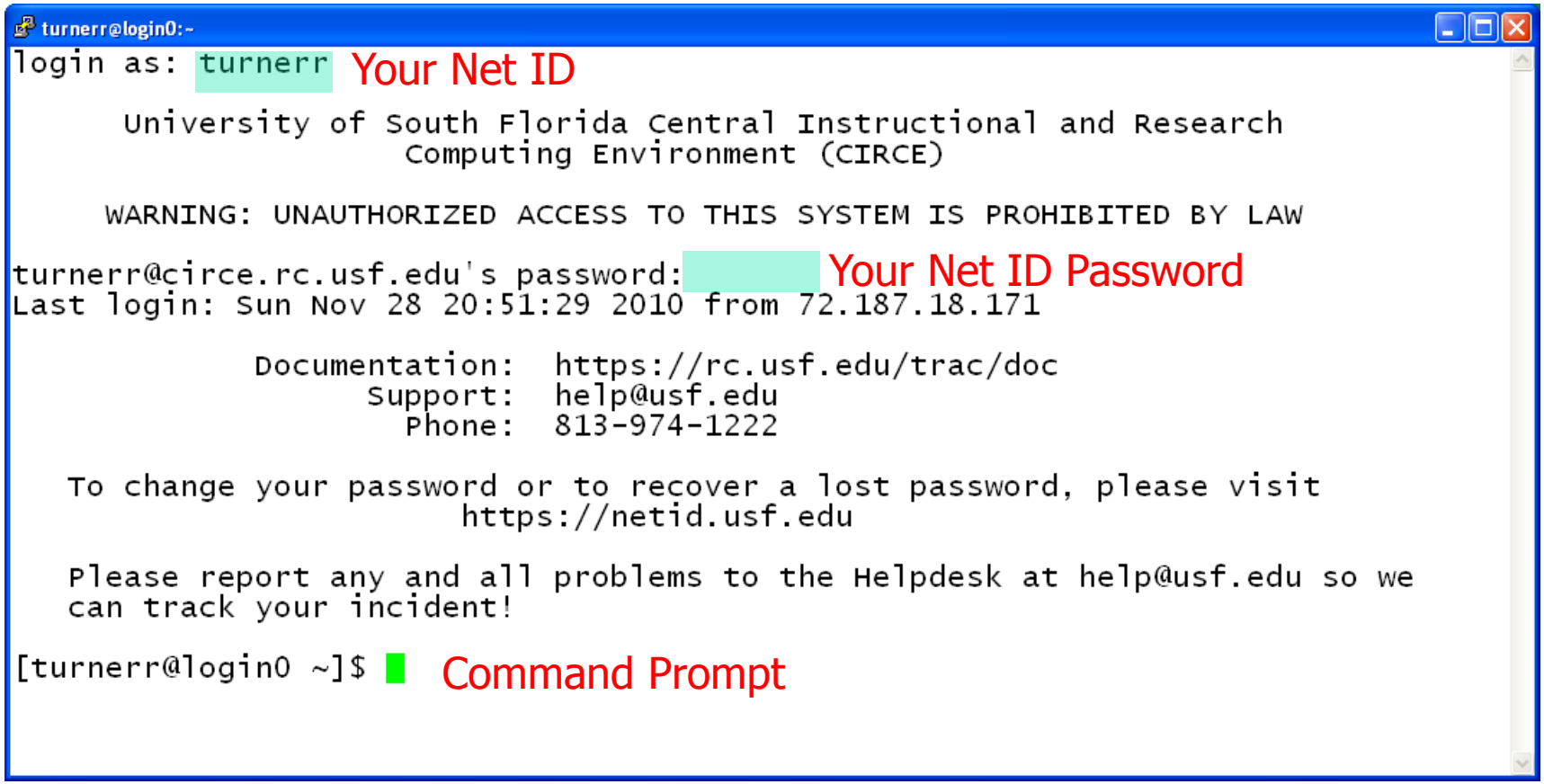
Click on Session

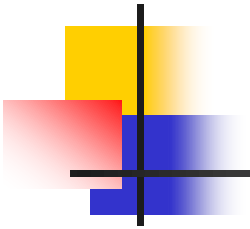
Connecting with PuTTY



Click Open

Using Circe

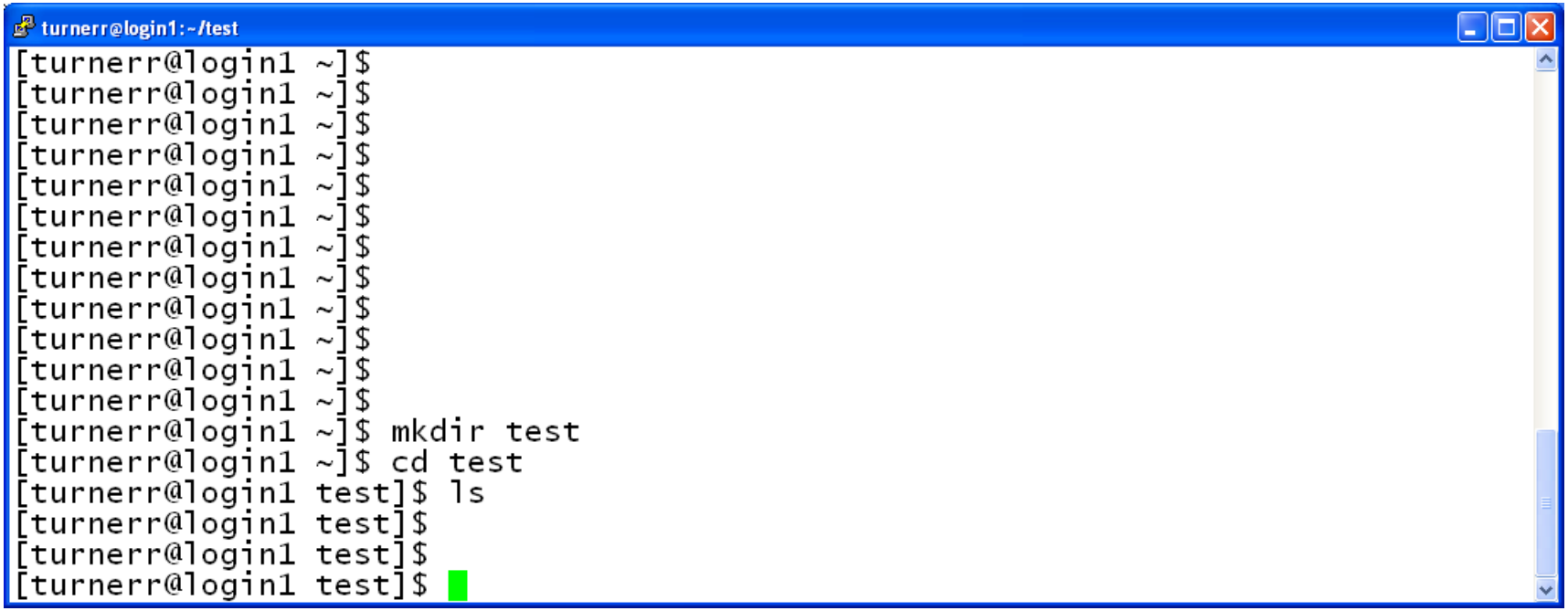

turnerr@login0:~
login as: turnerr
Your Net ID
University of South Florida Central Instructional and Research
Computing Environment (CIRCE)
WARNING: UNAUTHORIZED ACCESS TO THIS SYSTEM IS PROHIBITED BY LAW
turnerr@circe.rc.usf.edu's password:
Your Net ID Password
Last login: Sun Nov 28 20:51:29 2010 from 72.187.18.171
Documentation: https://rc.usf.edu/trac/doc
Support: help@usf.edu
Phone: 813-974-1222
To change your password or to recover a lost password, please visit
https://netid.usf.edu
Please report any and all problems to the Helpdesk at help@usf.edu so we
can track your incident!
[turnerr@login0 ~]$
Command Prompt



Using Circe

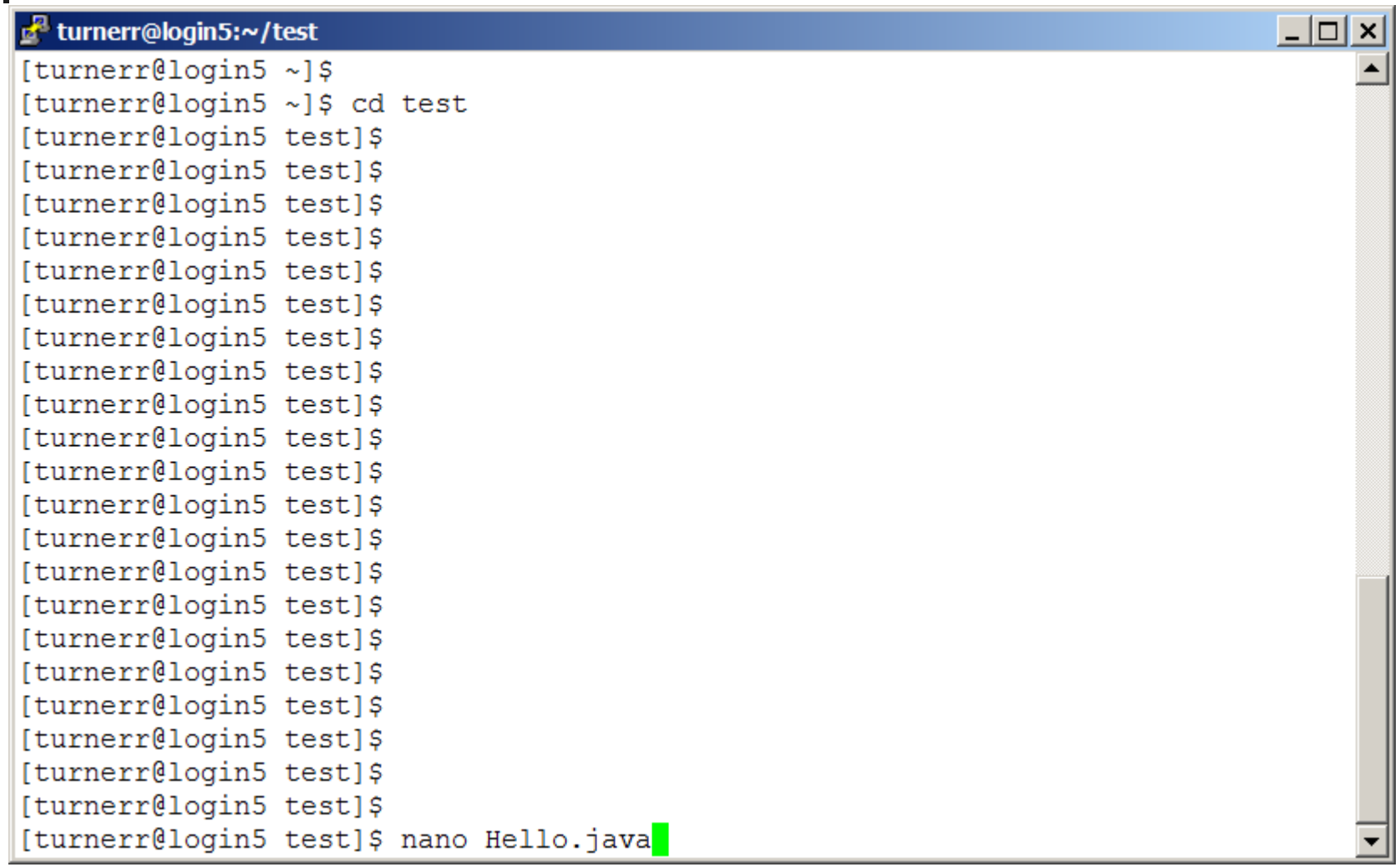
- Linux commands are different from what you saw for the Windows command line.
- Note the commands closely on the following slides.

Create a Test Directory



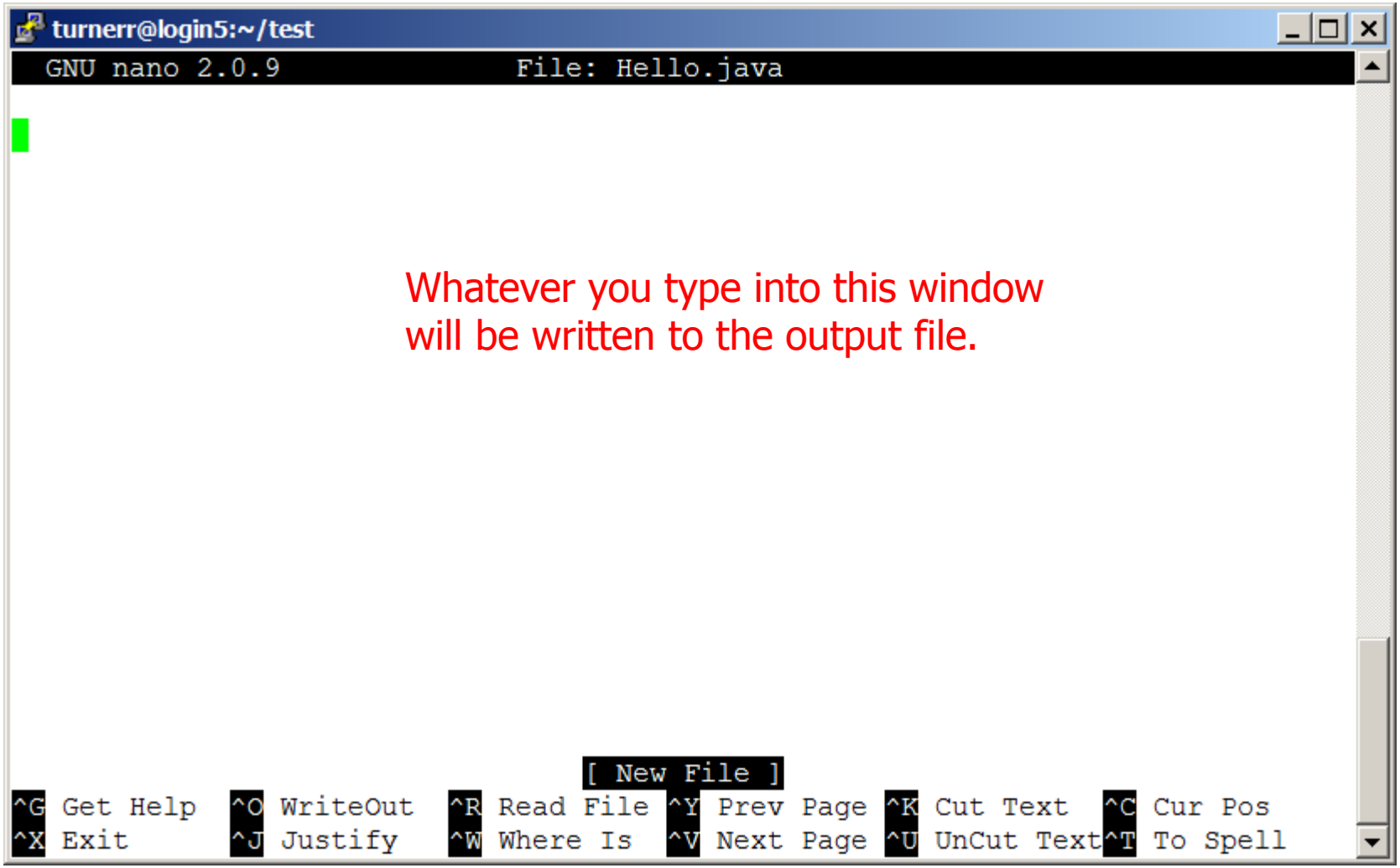
mkdir	**Create a directory**
cd	**Change Directory**
ls	**List the contents of the current directory**

Creating a Source File on Circe

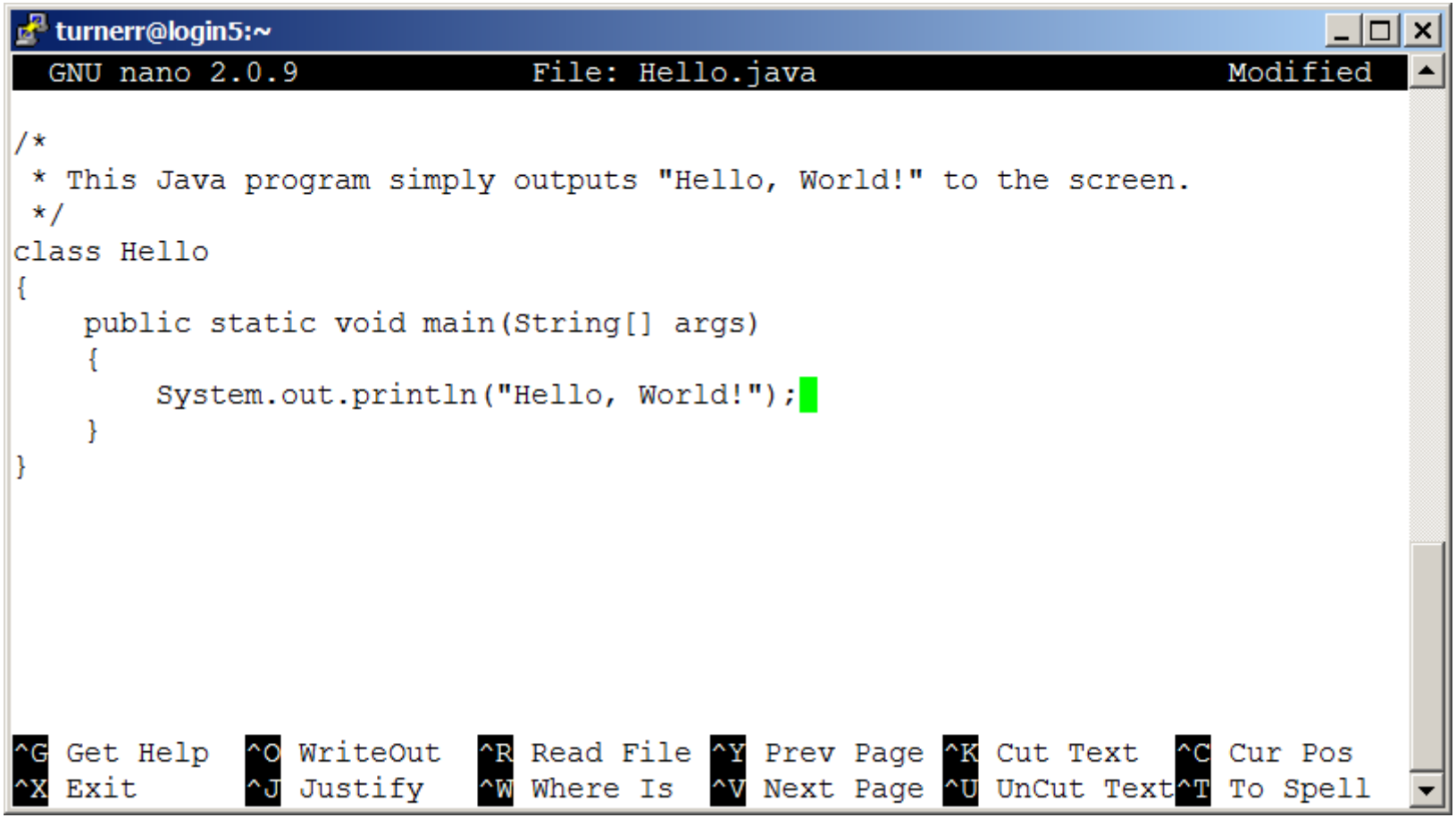


nano is a very simple text editor.

Creating a Source File on Circe

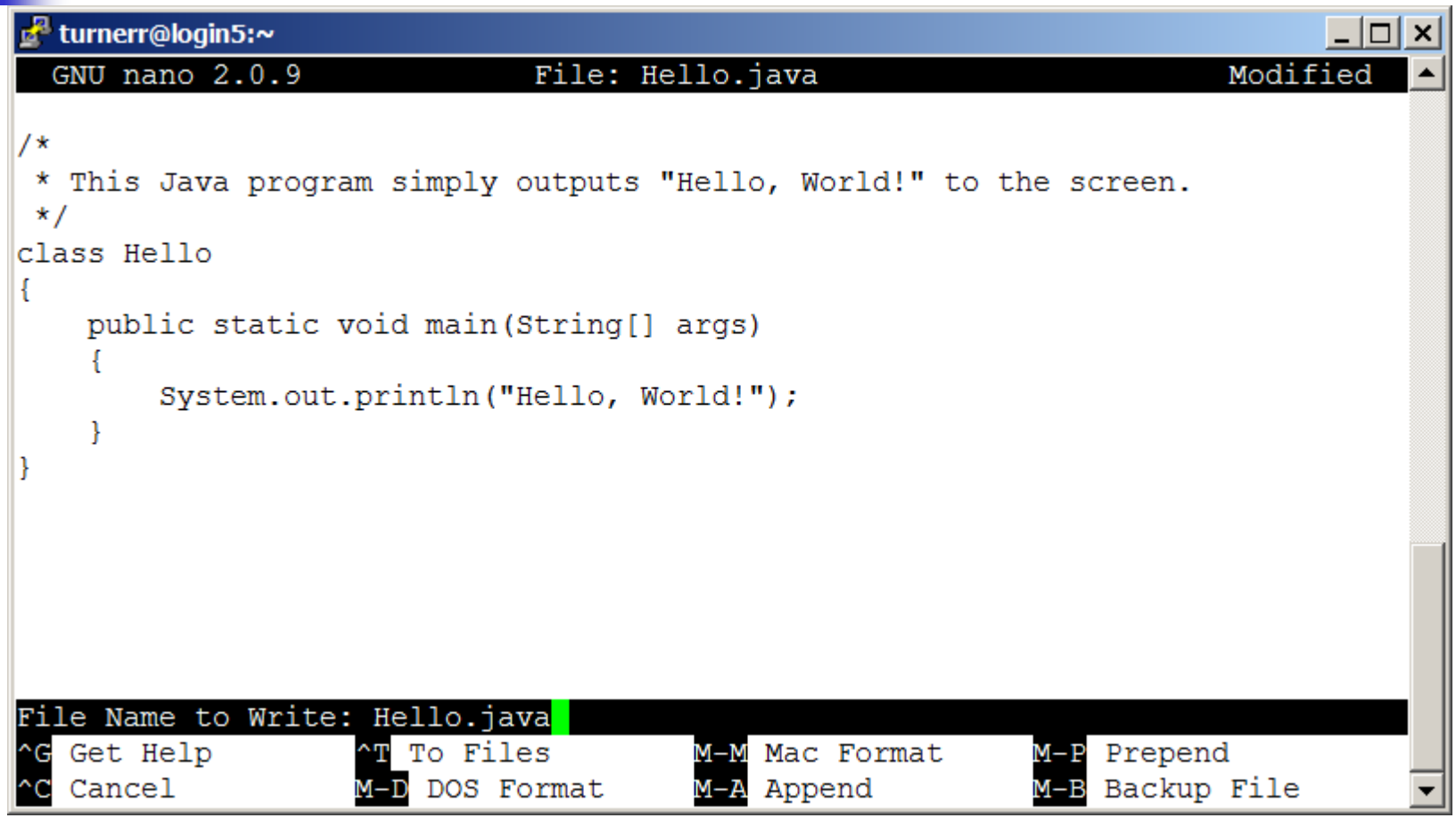


Creating a Source File on Circe



Press Ctrl-o to write out the file.

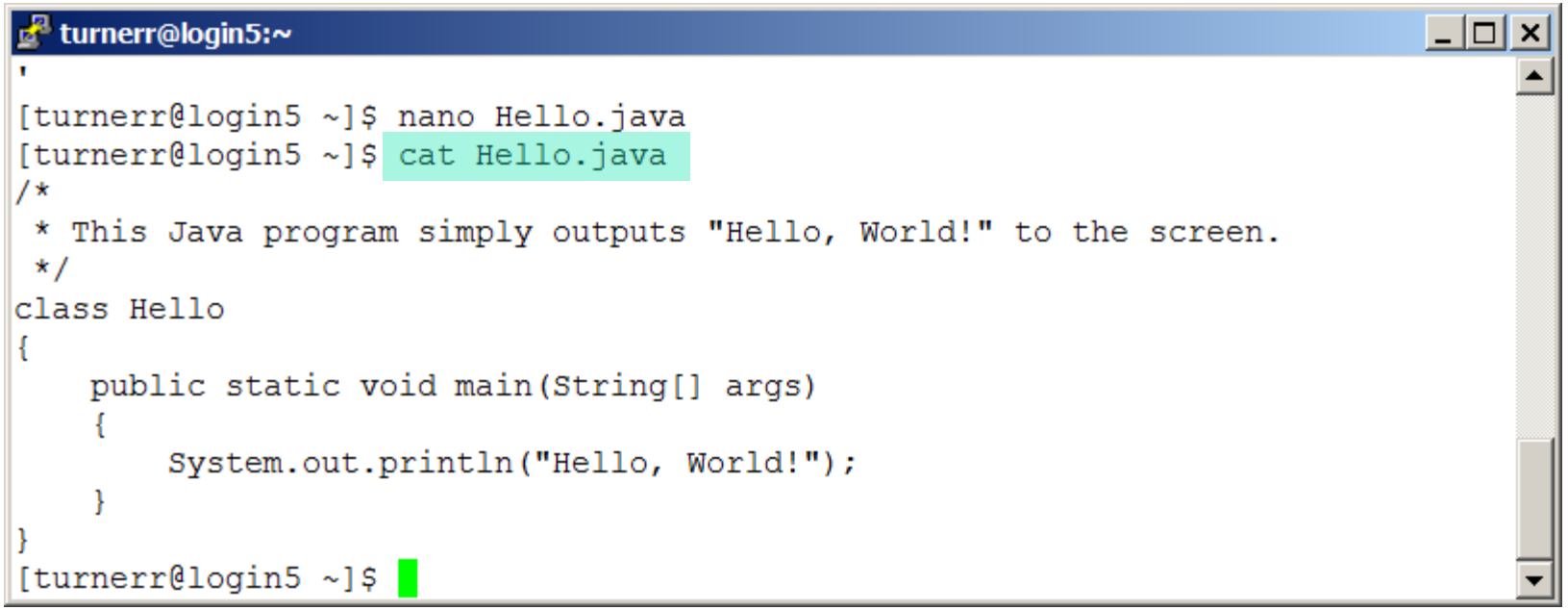
Creating a Source File on Circe



Press Enter to write contents of window to file hello.java in the current directory.

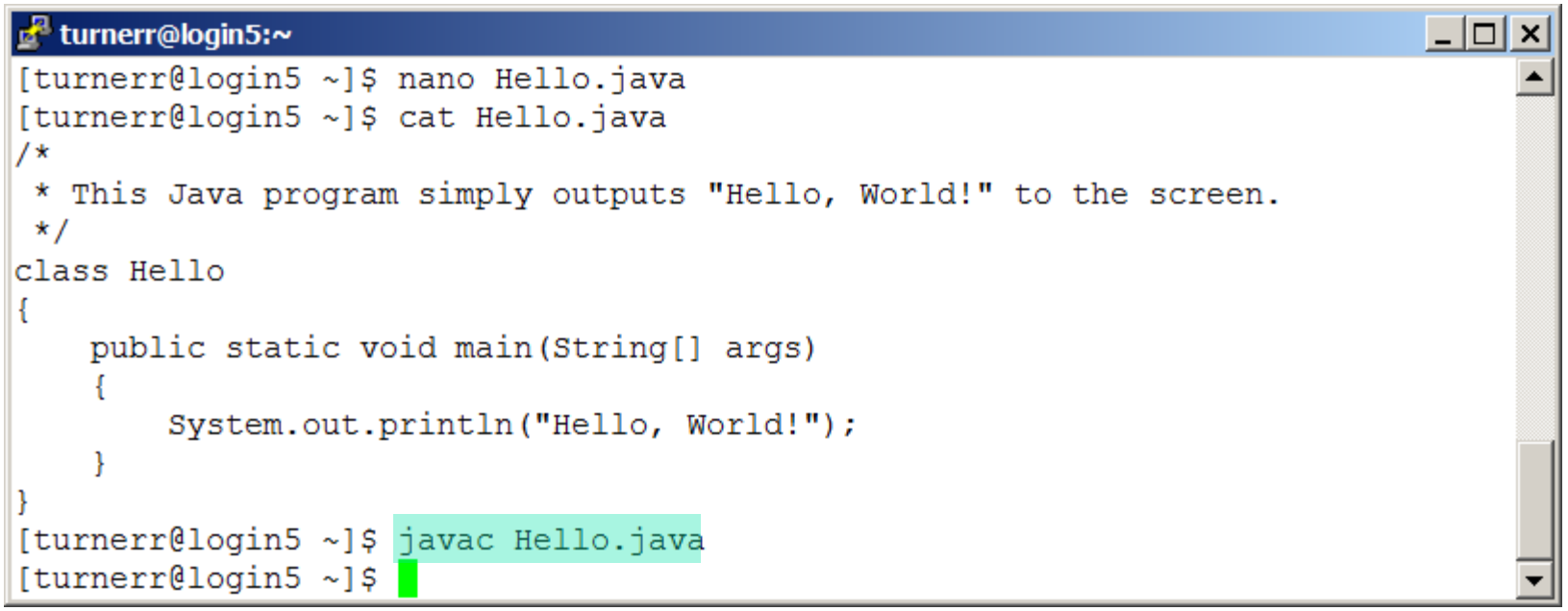
The press Control-x to exit from nano.

View the Source File



cat Output the contents of a file to the screen

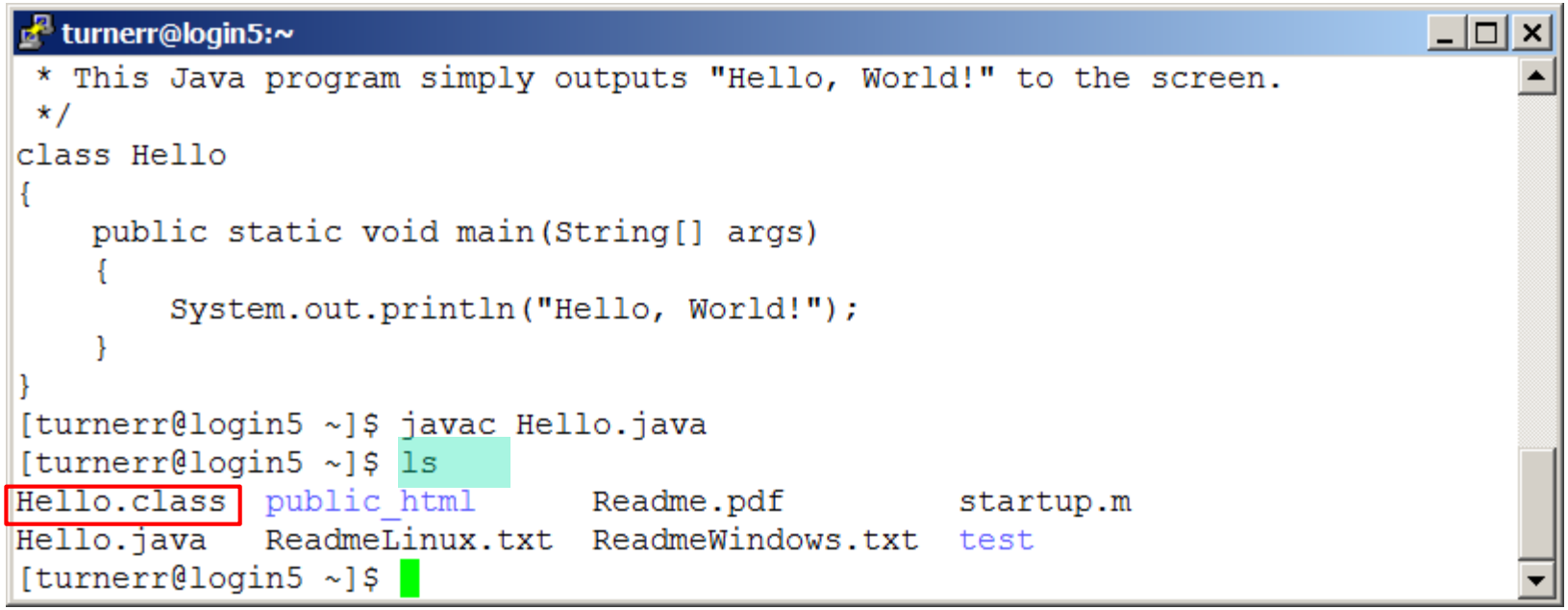
Compile the Program



No output means that your compilation was successful.

List the directory

Here is our Java bytecode file.



Hello.class was written by the Java compiler.

Run the Program

Our program's output