

COMP1511

Week 1 Tutorial

INTRO TIME!

A FEW NOTES ABOUT 1511



Course Outline

- on webcms3
- intro about how the course will run
- assessment information!



Course Forum

- a place to ask all your questions
- no question is too simple!
- can ask on anon if shy

WHAT TO DO IF I GET STUCK?

- Ask a question in the lab
- Ask a question on Discourse
- Attend a help session
- Ask a classmate
- Email me



LAURA'S TOP TIPS FOR COMP1511 + ONLINE LEARNING



Attend the Lectures

It's very easy to fall behind on content with online learning.
+ getting involved in the lectures opens you up to the COMP1511 community!



Come to the tutes + labs

They're the best way to consolidate your knowledge and build practical skills/get face-to-face(ish) help.
Plus if you're struggling, attend help sessions!



Be kind to yourself

Online learning is a weird and new situation for all of us - if you're finding it rough, don't be too hard on yourself! Coding is all about experimenting and learning - so don't be afraid to make mistakes too!

EXPLAIN LIKE I'M A
COMPUTER

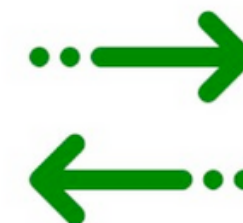




OPERATING SYSTEMS

OPERATING SYSTEM

- Computer program that manages and controls the hardware and other software on a computer
- "Air Traffic Controller"
- We use Linux in COMP1511

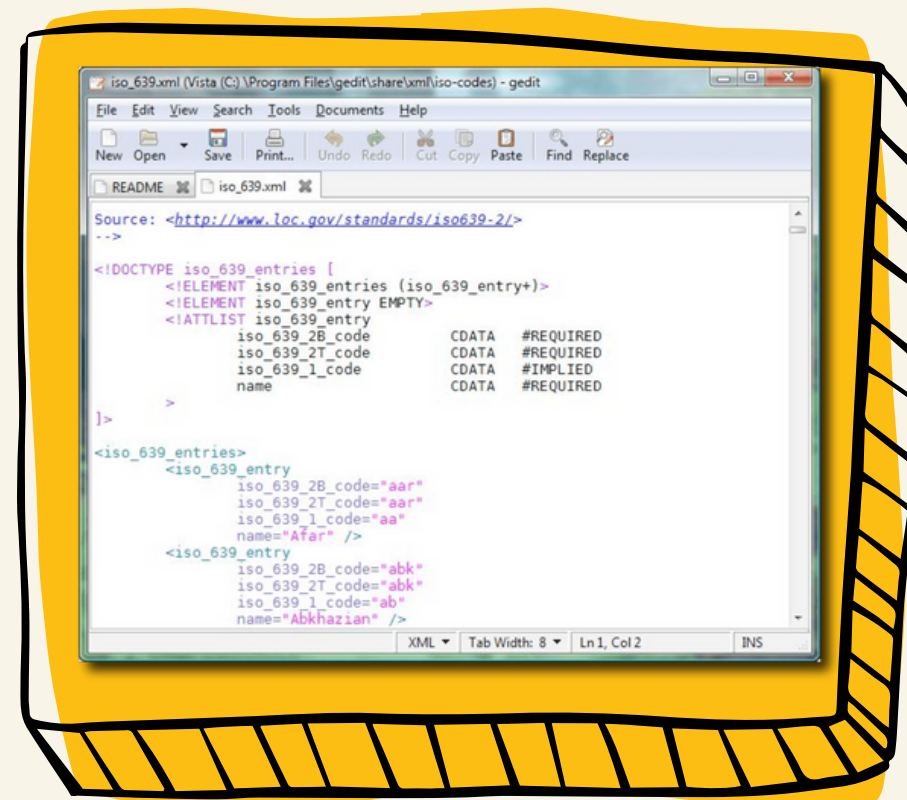


YOUR COMP1511 TOOLKIT



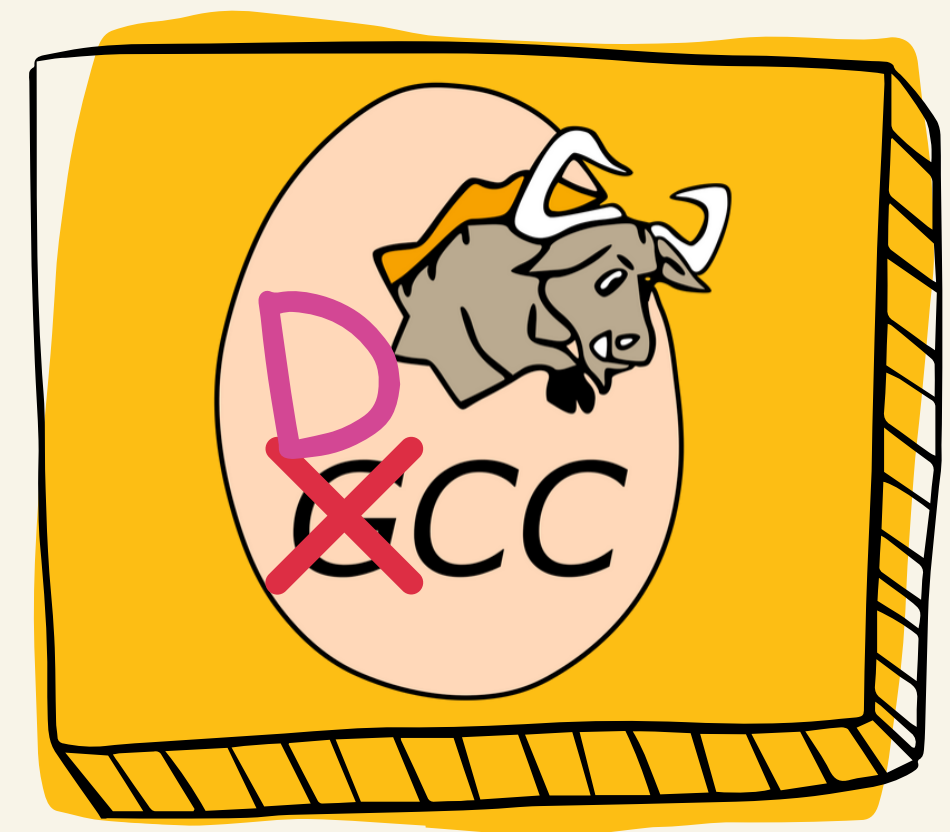
Terminal

- give text commands



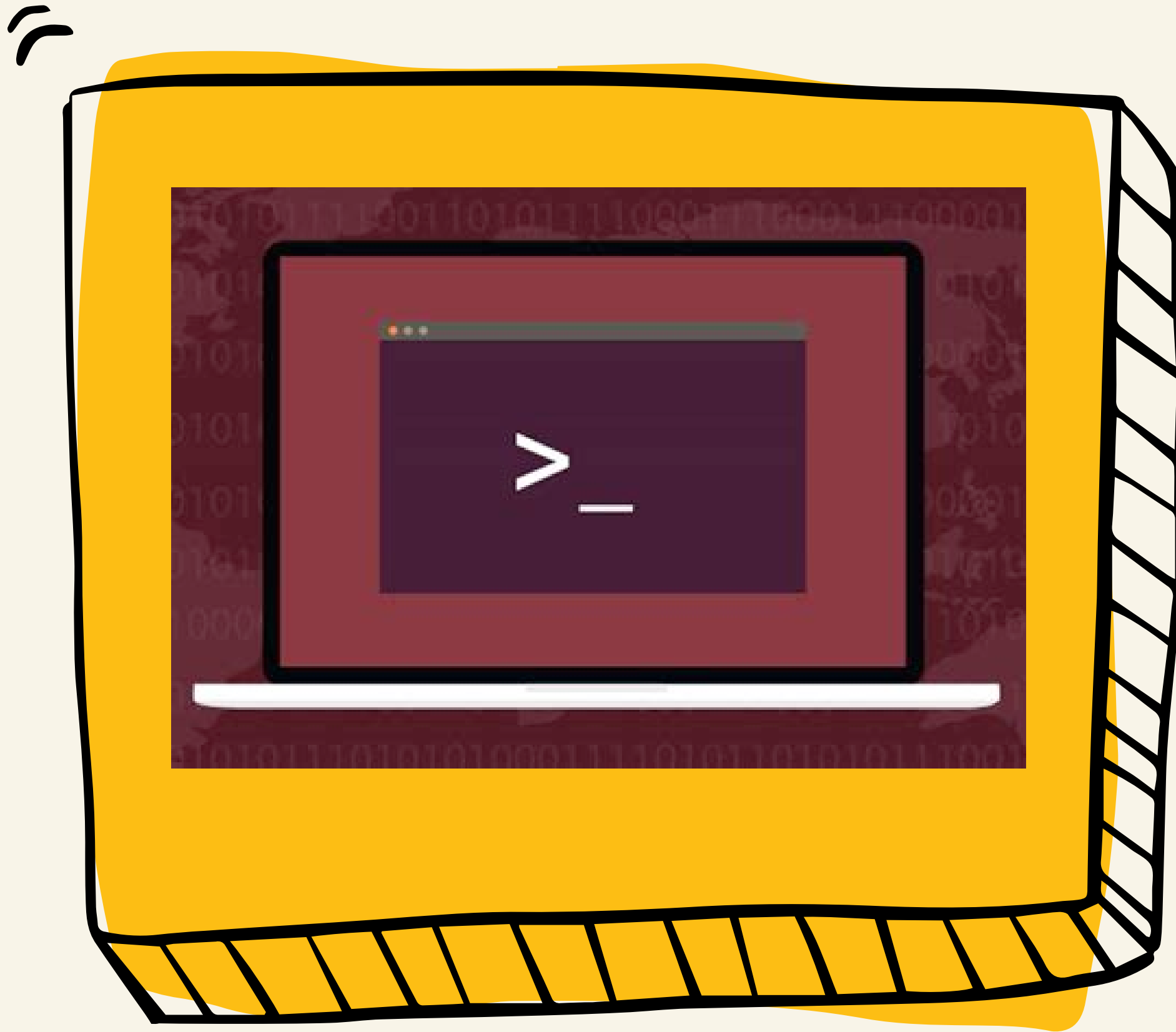
Text editor

- write the code
- we will use gedit



Compiler

- convert your C code so your computer can read it
- we will use dcc



LINUX COMMANDS

- pwd
- ls
- mkdir
- cd

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LET'S WRITE SOME CODE!

repl.it links in chat

```
require File.expand_path("../config/environment", __FILE__)
# Prevent database truncation if the environment is production
abort("The Rails environment is running in production mode!")
require 'spec_helper'
require 'rspec/rails'

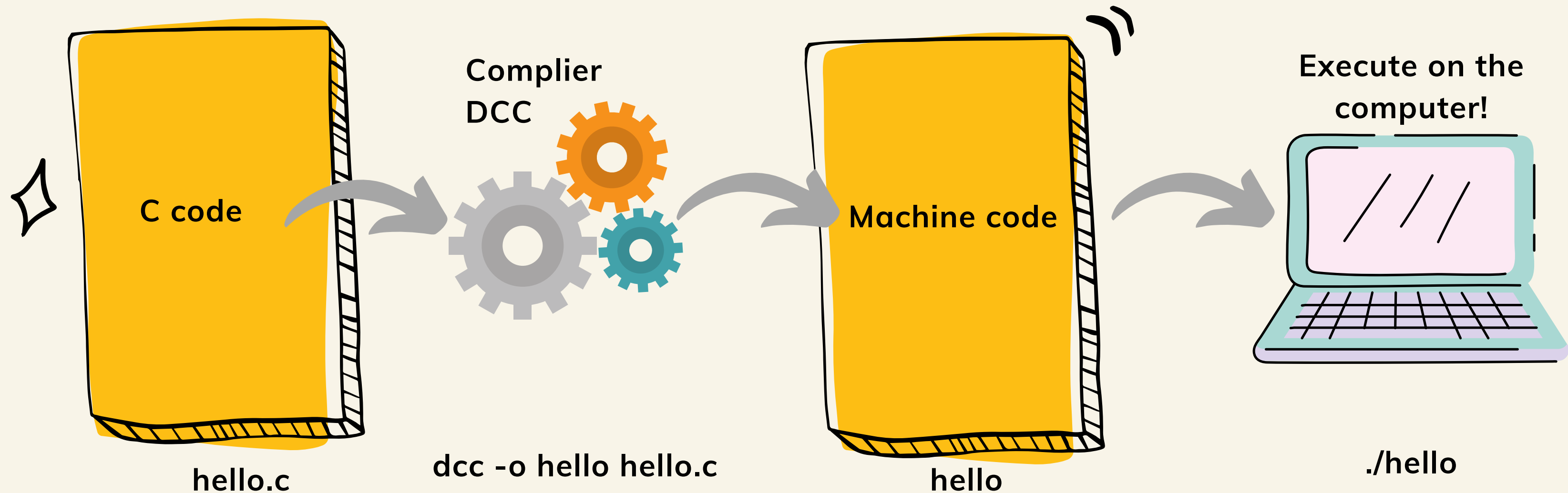
require 'capybara/rspec'
require 'capybara/rails'

Capybara.javascript_driver = :webkit
Category.delete_all; Category.create
Shoulda::Matchers.configure do |config|
  config.integrate do |with|
    with.test_framework :rspec
    with.library :rails
  end
end

# Add additional requires below this line. Please do not require files
# Requires supporting ruby files with spec support, including spec/support
# spec/support/ and its subdirectories. These files will be loaded by
# run as spec files by default. This way the support files are only
# in _spec.rb will both be required and loaded. This is useful
# run twice. It is recommended that you do not require files
# end with _spec.rb. You can configure this behavior by
# option on the command line or in the .rspec file.

No results found for 'mongoid'
```

MAKIN PROGRAMS (SIMPLIFIED)



QUESTIONS?

LAB STRUCTURE

"1511 setup"

Breakout groups

Groups per Question

Checkin at the end ~ attendance and
catchup