

Nicole Luong

# COMP1511

Welcome to Week 1!

# Tutorial Overview

1. Introductions
2. Course Structure + Help
3. Linux
4. Introduction to C Programming
5. Lab Time!

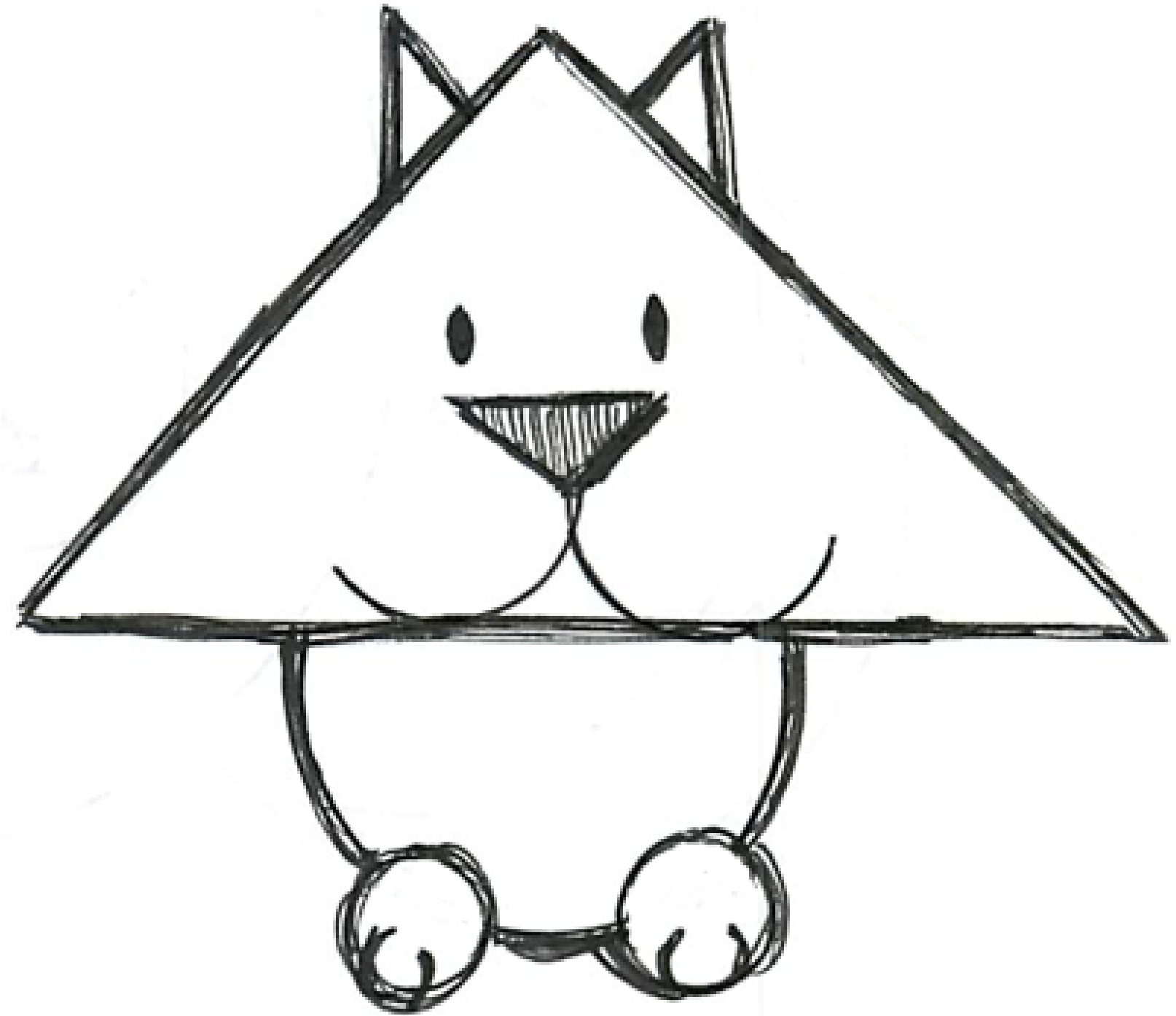
# Introductions

1 Introduce yourself to the person next to you!

- Name
- Year + Degree
- A Fun Fact: Can be what they did during the holidays, hobbies, favourite food, favourite movie, something new they tried recently, etc

## 2 Drawing Instruction

- Simple drawing instruction
- Undo previous instruction



# Course Structure

## Weekly

- 2 x 2hr Lectures (Tues 10am, Wed 2pm)
- 1hr Tutorial + 2hr Lab

## Lab Exercises

## Extra Help

- Help Sessions
- Revision Sessions

## Assessments

- 15% Labs
- 20% Assignment 1
- 25% Assignment 2
- 40% Exam

- Most important
- ● Needed for full marks
- ● ● More complex, bonus marks
- ☠ Challenge yourself, no marks

Due: Monday 8pm the week after

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# Contact / Help

Course Forum

Help Sessions

Email Me

Email the Course

cs1511@unsw.edu.au

**Any  
Questions?**

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# Terminal Instructions

**ls**

**List:** Lists all the files inside of the current folder/directory

**mkdir new\_directory**

**Make Directory:** Creates a new directory named "new\_directory"

**code file\_name.c**

Opens or creates a new file named "file\_name.c" in vscode

**cd new\_directory**

**Change Directory:** Enters the directory named "new\_directory"

**cd ..**

Exits one directory

**cd**

Exits all directories and takes you to your home directory

# Unique Elements

## Comments

For humans to read so they know what's going on in the code

```
// Basic Hello World program
// Nicole, 23T1 Week 1
```

## Indentation

Also for humans. Makes your code neater and easy to read.

```
#include <stdio.h>
```

```
int main (void) {
```

```
    printf("Hello World\n");
```

```
    return 0;
```

```
}
```

/n

New line

## Semicolon

Tells the compiler that this is the end of the instruction.

## printf

Outputs the elements in the quotation marks to the terminal

^---^  
(=' w ' =)

# Lab Time!

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## "Use Default Config"

Choose this option when opening Vlab for the first time

## Pair Programming (optional)

Partner up to work through the lab exercises.

## How to Submit?

In the lab exercise instructions

**Due: Monday 8pm**