

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!

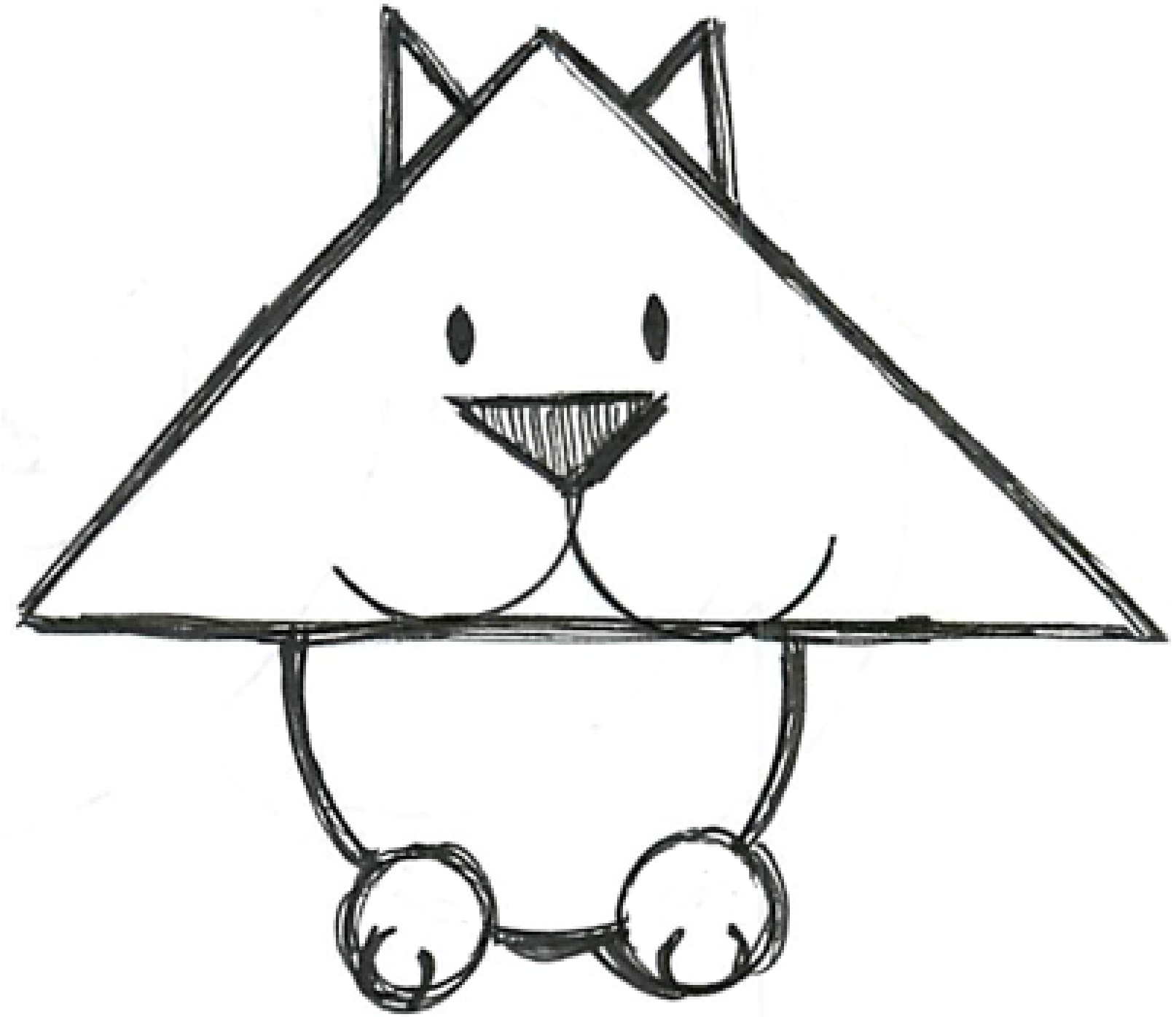
Introductions

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 (Mon 12pm, Fri 11am Online)
- 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, Week 1
```

```
#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

Indentation

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

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

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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