

**WEEK 4**

# COMP(2041|9044)

Favourite Shapes Flavour?

## AGENDA

# MORE SHELL SCRIPTING

## READING SHELL SCRIPTS

A COMP2041 student wrote this script, named `start_lab04.sh`, to run before the Week 4 lab.

```
$ cat start_lab04.sh
#!/bin/dash
```

```
cd ~/labs/04
```

```
ex1=jpg2png
ex2=email_image
ex3=date_image
ex4=tag_music
```

But when he ran his script, it didn't seem to work:

```
$ pwd
/home/z1234567
$ ./start_lab04.sh
$ pwd
/home/z1234567
$ echo $ex1 $ex2 $ex3 $ex4
```

Why not? How can the script be fixed?

## READING SHELL SCRIPTS

A shell script is executed by a separate shell so changes to its working directory affect only it. Similarly, changes to variables in it affect only it.

# Coding DEMO!!!

Questions 6,7,8,9,11

# TIME FOR LAB

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[Code and Slides Available here](https://github.com/jeremyle56/tutoring/tree/24T2/24T2/cs2041)

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