



CS196

#2

Announcements

Attendance

Homework 1

Hackerspaces

Office Hours - 1103

Hackerspaces

Wednesday - 7pm

Mobile - Siebel 1131

Data - Siebel 1103*

Thursday - 7pm

Web - Siebel 1103*

Microlessons

Python Introduction

Basic Bash



CS196

Python

Computer Science

Data

Programming Languages?

Why Python?

Questions?



CS196

Bash



Bash



zsh %

Setup

- **Windows** -

Bash on Ubuntu on Windows

- **Mac Linux** -

Terminal

Navigation

\$ pwd

\$ ls

\$ cd

Creation

```
$ mkdir
```

```
$ touch
```

```
$ nano
```

```
$ cat
```

Manipulation

\$ cp

\$ mv

\$ rm

Installing Packages

- Windows (Bash), Ubuntu/Debian -

```
$ sudo apt-get install <package-name>
```

- Mac -

Google 'homebrew'

Install it

```
$ brew install <package-name>
```

Useful Commands

\$ man

\$ sl

\$ cowsay

\$ fortune

