Review

Shell Scripting

**cd, ls, pwd, touch, mkdir, rmdir**

Create a new .txt file with "hello" in it

Why careful with rmdir?

Git and Source Control

Difference between git and github: local vs. web

Initialize a blank repository

Add, remove, add, commit

GitHub

How do you pull from github (playground)

How do you pull from github (self)

Go to private repo and mkdir pirate

Put a text file that has a pirate sound.

Commit and push

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Python from the Command Line

How to do it?

Create a variable called "moo" equal to your favorite number. Math. Remainder

Prompt user for input, save it.

Python from a .py File

Juypter Notebooks

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Variables

Operations

Strings

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Lists

Ranges

Tuples

Dictionaries

**Mutability**

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If, Elif, Else

**For and While loops**

**Comprehensions (only for loops, no while loops)**

Breaking out of Loops

Try / Except

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**Functions**

Namespaces (and Parameters)

The Stack

Exceptions

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Recursion

Big(O)