

week1_20190404

March 19, 2019

1 Genome 373

Quiz section #1 April 5, 2019

2 Welcome to Genomic Informatics

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office hours: Fridays after class or by appointment

My research focuses on modeling protein evolution using phylogenetics.

3 How will quiz sections be organized?

Quiz section has three main purposes:

- Review content from lecture (please ask me questions!)
- Review high-level coding ideas
- Learn some introductions to programming

4 Introduction to coding

5 Introduction to vocabulary

- Variables
- Conditionals
- Loops
- Functions
- Data structures

6 How do I access this slides?

All of the material for the class can be found at github.com/skhilton/.

You may access the slides 3 different ways (all of the information is the same): * html * pdf * jupyter notebook

7 Variables: store data

Variables have a *name* and a *value*. The value is *assigned* to the name using =

```
In [1]: x = "blue"
        print(x)
        x = "pink"
        print(x)
```

blue

pink

```
In [ ]:
```