

CSCI 127: Joy and Beauty of Data

Lecture 3: Intro to Python and Data Types

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Snowmester 2020

<https://reese.github.io/classes/127/main.html>

Announcements

Lab 1 has been posted

-> Due Wednesday 12/2 (tomorrow) 11:59 PM

-> After today, you will be able to start on it

-> A video has been posted that goes over the assignment

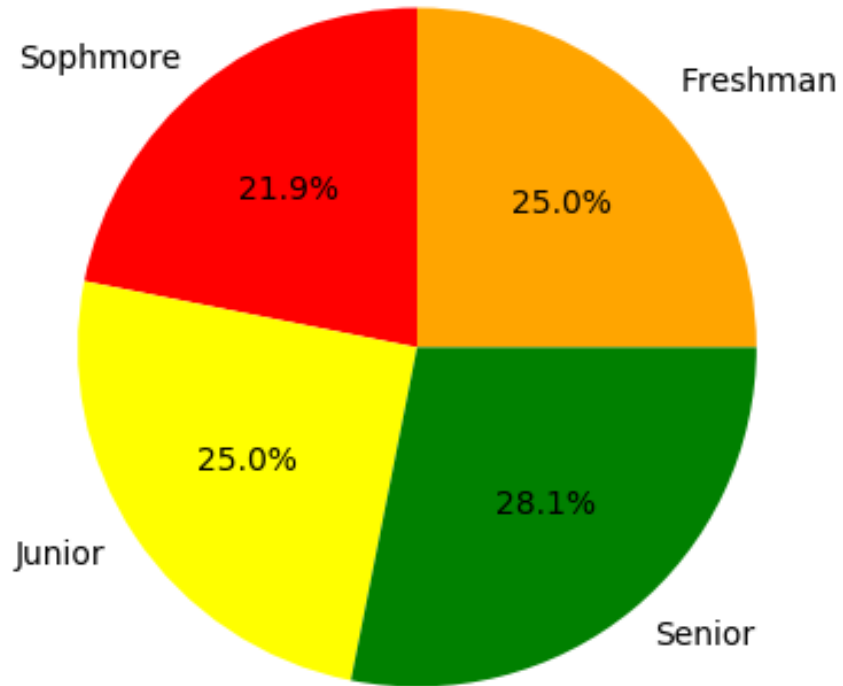
Lab 2 is due on Friday 12/4 @ 11:59 PM

-> will be posted soon

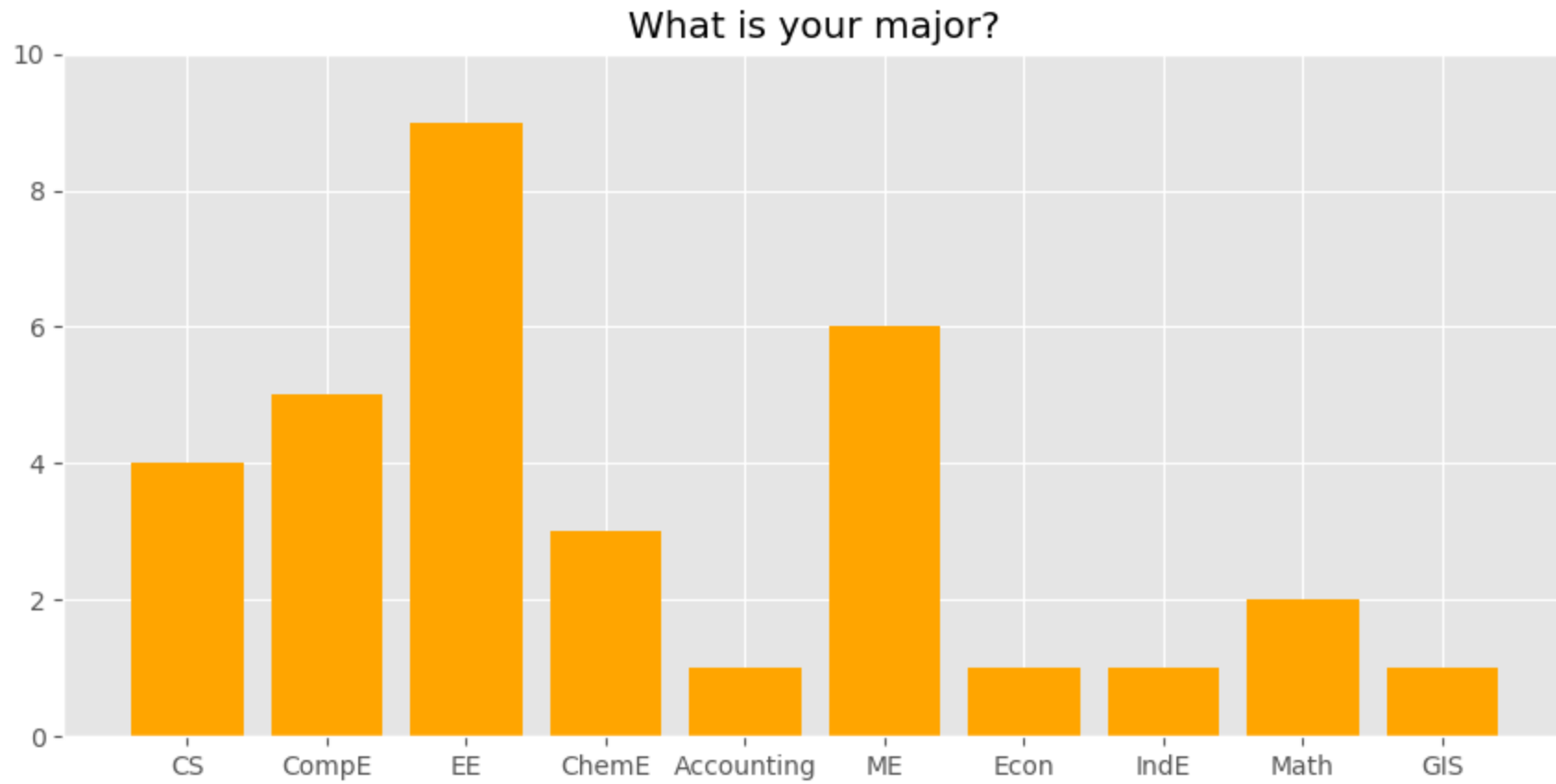
Today

Installing Python, Data Types, Variables, User Input

Questionnaire Results



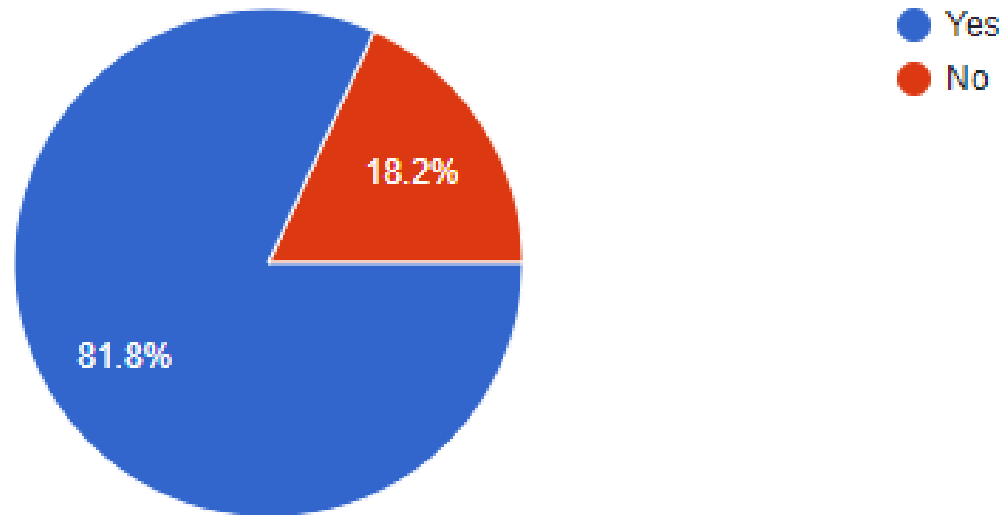
Questionnaire Results



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Have you taken a computer programming class before?

33 responses



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I understand your concerns (I feel the same way!)... I will keep this in mind 😊

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I understand your concerns (I feel the same way!)... I will keep this in mind 😊

Lots of people seem to be looking forward to this class... (*me too!*)

Python Installation

I will on Windows, but the process on Mac is very similar

Integers (whole numbers) `int`

Floating Point Numbers (decimals) `float`

Strings (words, or anything surrounded in “ ”) `str`

Operators

Add / Concatenation (+)

Subtraction (-)

Multiplication (*)

Division (/)

Integer Division (//)

Power ()**

Modulus (%) (Remainder)

Increment (+=)

Decrement (-=)

User Input

```
variable_name = input("Enter prompt here")
```

Note: the resulting value will **always** be a string