

Coursera Course Notes - Python for Everyone (Getting Started with Python)

Modules 1 and 2:

- I learned about the purpose of programming and background knowledge of the software and hardware
- I installed Phoenix Code and Java3
- I learned about how to use Terminal
 - cd
 - ls
 - mkdir

Module 3:

- done quizzes and assignments

Modules 4 and 5:

learned about...

- comparison operators (==,<,>,<=,>=,! =)
- one-way decisions with if; two-way decisions with if-then-else; nested decisions (if/else inside if); elif
- indentations in Python are very important
- try and except to catch errors

Module 5:

- using functions for storing and reusing

Program:

ex.

```
def thing():
```

```
    print('...')
```

```
    print('.....')
```

- storing what's indented to the function "thing()"

Loops and Iterations

while loop

- definite/indefinite loops

for loop

- count; find sum; find average; find largest; find smallest
 - largest or smallest (set a variable = None)
 - ex. if smallest is None; smallest = value
- find a number - set a variable to false, set to true if found it