Intro To Python: Class 1 Outline

1) Why Python is dominant
CG_Software_Python.pdf

1.5) Review python_docs under github/skoshiwosh/democode

2) Cookbook Recipe: Computer Program Paradigm
sequence of tasks, condition, repetition, interrupts, assistants doing separate
tasks

3) Computer Architecture
memory, ALU or CPU, registers, data bus, input/output devices, operating system
simple_comparch_01.png

Intro to Computer Architecture
https://www.youtube.com/watch?v=HEjPop-aK_w

4) Data Representation
byte, word, signed and unsigned integers, floating point, stack, array, linked list
binary vs hexadecimal vs decimal

5) Assembler vs Compiler vs Interpreter

6) C++ vs Python
cplusplus_vs_python.pdf

7) Maya scripting with Python
brief intro to module imports
scripts folder, userSetup.py, Maya.env, Custom shelf

8) Chris Zurbrigg tutorials
zurbrigg_tutorials.pdf

9) Present Homework
class1_homework.pdf

10) Other docs
python_keys_funcs.pdf, python_variables_types_01.jpg, bin_hex_ascii.pdf,
python_expressions.pdf

11) Python Scripts
templatescript.py, demoscript.py, seqtypes.py

https://github.com/skoshiwosh/democode