

CS 288 2018S Section 006

Required Reading

- C Programming Language and Pointers
 - Chapter 1 through 5 in the assigned textbook
 - Section 6.1 through 6.5 in the assigned textbook
 - Chapter 7 in the assigned textbook.
- Hexadecimal Notation
 - Instructor handouts on Moodle (will be uploaded after corresponding lecture)
- Endianness
 - <http://en.wikipedia.org/wiki/Endianness>
- Elementary Data structures
 - Stack, Queue, Singly Linked List (Data Structures textbook from CS288 prerequisites)
 - Instructor handouts on Moodle (will be uploaded after corresponding lecture)
- Linux Shell Scripting
 - Tutorial at: <http://www.shellscript.sh/>
 - Instructor handouts on Moodle (will be uploaded after corresponding lecture)
- Regular Expressions
 - Article at: <http://www.phon.ucl.ac.uk/courses/spsci/compmeth/regexptutorial.pdf>
- Elementary Sorting Algorithms
 - Insertion, Selection, and Bubble sort (any Data structures textbook, a prerequisite for this class)
- Radix Sort
 - Instructor handouts on Moodle (will be uploaded after corresponding lecture)
- Python Programming Language
 - NJIT CS100 textbook. The electronic copy is available free of charge at:
<http://greenteapress.com/wp/think-python-2e/>