

## Practice Final Exam - CS 261

*Here are questions similar to what will be on the final exam. You won't be able to use any outside material during the final exam (no notes, computers, etc.) so see how much you can answer without looking things up. Be sure to study any Python rules and terminology that you don't know.*

1. What is the difference between `"True"` and `True` in Python?
2. Name three different sequence types. Describe how they differ.
3. Which of the following is a list method?
  - A. `.items()`
  - B. `.keys()`
  - C. `len()`
  - D. `.append()`
  - E. `.length()`
4. What is the difference between a for-loop and a while-loop.
5. Write a function `near_and_far()` that accepts three ints `a`, `b`, and `c` as arguments. Return `True` if one of `b` or `c` is "close" to `a` (differing from `a` by at most 1), while the other is "far", differing from `a` by 2 or more.
- 6.