

About Final Exam

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Types of Question

- Write a function definition to do something. Only the function definition and nothing else. This is the most common type of programming question.
- Trace a program. What does it outputs?
- Short answer, etc.

Topics excluded

- Binary number conversions
- Writing recursive functions (You may be asked to trace a recursive function and show the output)
- Sorting algorithms other than the two given

Topics

- Dictionary (definition, using the methods, cast to list and back)
- Tuples
- File (Read/Write/Append)
- Functions (lambda function, local and global scopes, parameter passing), Mutable/Immutable
- Characters (ord, chr)
- Strings, methods (split, strip, join), slice, comparisons, formatting (one of the four is enough)

Topics

- Exception Handling (try-except-else-finally), assert, raise
- Sorting and searching (linear and binary) algorithms, sort/sorted, more on using them than writing them
- List (mutable, slice, methods, 2+ dimensional arrays, list comprehension)
- Comparison of list, tuple, and dict
- Loop and other basic syntax

Notes

- Please remind your students to complete the faculty/course evaluations, which can be accessed via AccessUH.
- Special Evening Office Hours, Tuesday, May 2, 7:00-8:00 PM
- No more office hours after the final exam. You may make an appointment to meet with the instructor.