
Final: Friday, December 9, 8-11am, 2022 – CIF 0027/1025

Name:	
NetID:	
Name on Gradescope:	

- **FILL SCANTRON PATTERN** as detailed below.
- If you brought anything except your writing implements, your double-sided **hand-written** (in the original) $8\frac{1}{2}'' \times 11''$ cheat sheet, and your university ID, please put it away for the duration of the exam. In particular, please turn off and put away *all* medically unnecessary electronic devices.
If you are NOT using a cheat sheet, please indicate so in large friendly letters on this page.
- **Best answer.** Choose best possible choice if multiple options seems correct to you – for algorithms, faster is always better (as long as the answer is **correct**).
- Please ask for clarification if any question is unclear.
- This exam lasts **170 minutes** and there are **28** questions.
- Fill your answers in the Scantron form using a pencil. We also recommend you circle/mark your answer in the exam booklet.
- Please submit you answer booklet and scantron sheet.
- Do not fill more than one answer on the Scantron form - such answers would not be graded. Also, fill your answer once you are sure of your answer – erasing an answer might make the form unscannable.
- *Good luck!*

Fill the pattern: Before doing the exam...

- Fill your name and netid in the back of the Scantron form, and also on the top of this page.
- **Fill in the pattern shown on the right in the Scantron form.**
This encodes which version of the exam you are taking, so that we can grade it.

91	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
92	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
93	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
94	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
95	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
96	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>