

Eng 101 Day 8

Quiz and coding

Quiz

- Quizzes are closed book, notes, and everything else.
- Quizzes will be handed out early
 - **Do not turn them over until directed to!**
- Answer all questions in the space provided
 - Circle your answers.
- Indicate spaces with an underbar.
- 20 minute quiz.
 - If you finish early, just wait.

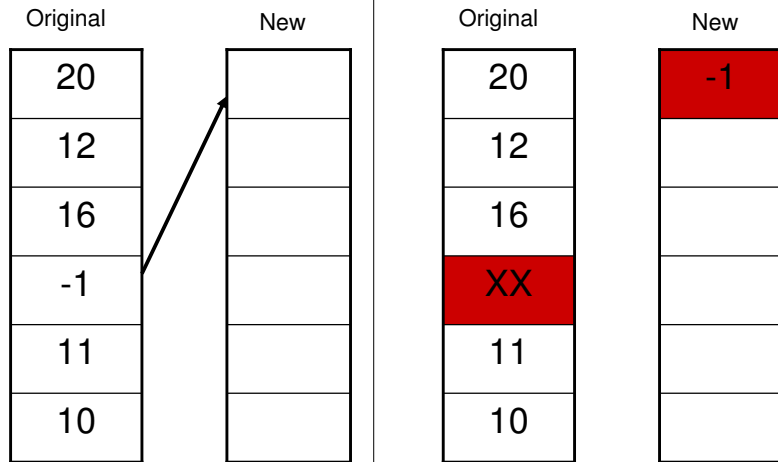
Today

- Discuss another algorithm for sorting
 - Idea is to take a well understood task (sorting) and propose an algorithm.
 - Once we get the algorithm down, we figure out how to code it.

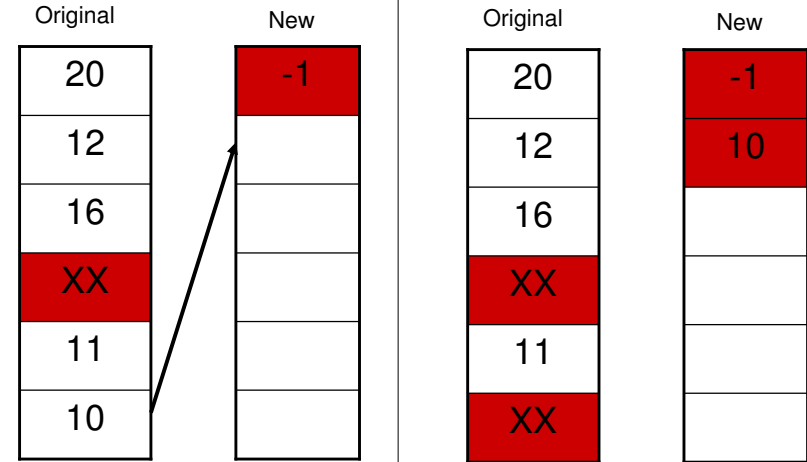
Algorithm

- Go through each element of an array.
 - Find the smallest element
 - Copy it into the top of a new array.
 - Remove it from the original array.
- Now do the same as above over the original array
 - But keep putting things into the next open space.

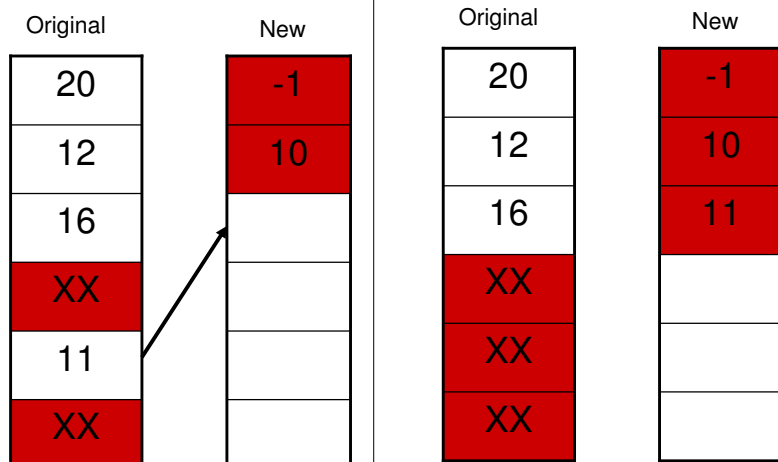
Selection sort



Selection sort



Selection sort



Code?

- What do we need?

Pseudo-code