Key findings:

* Have performed empirical comparision between randomized and deterministic quick select and randomized quick select has outperformed the other.
* Have successfully implemented basic data structures and understood the performance analysis.

How to run?

1. To run randomized quickselect, run ` rand\_quickselect.py`
2. To run deterministic quickselect, run ` det\_quickselect.py`
3. To run comparison between deterministic and randomized quickselect, run ` empirical\_analysis.py`
4. To run part2 of the assignment, run ` part2.py`