cs473 Algorithms	Out: *Fri., 2022-01-28 17:00*
Problem Set #1	
Prof. Michael A. Forbes	Due: *Fri., 2022-02-04 17:00*

Some reminders about logistics. See the course webpage for full details.

- **Submission Policy:** Submit psets via gradescope. Student psets must obey the following constraints:
  - Each problem starts on its own page.
  - The first page has the following metadata:
    - author(s) of the problem set
      - name(s)
      - netid(s)
    - pset number
    - list of collaborators
- **Collaboration Policy:** Starting with *this* problem set, students are allowed to work in groups of up to three.
- **Late Policy:** Late psets are not accepted. Instead, several lowest-scoring pset problems will be dropped from a students score.

All problems are of equal value.

1. Checkerboard tiling. Erickson Chapter 1, Problem #26 (https://jeffe.cs.illinois.edu/teaching/algorithms/book/01-recursion.pdf).
2. Hero targets. Erickson Chapter 1, Problem #34 (https://jeffe.cs.illinois.edu/teaching/algorithms/book/01-recursion.pdf).
3. Line segments in the plane. Erickson Chapter 5, Problem #19 (https://jeffe.cs.illinois.edu/teaching/algorithms/book/03-dynprog.pdf).