

# CS 373: Combinatorial Algorithms, Summer IMCS 2000

<http://www-courses.cs.uiuc.edu/~cs373>

## Homework 4 (due Tue Jul 18, 2000)

By now you should know what is expected when presenting an algorithm. Make sure you give complete answers.

Send a postscript file to [maharri@cs.uiuc.edu](mailto:maharri@cs.uiuc.edu) with the subject `cs373hw submit`.

1. CLR Exercise 22.4-3 (p. 458)
2. CLR Exercise 35.1-2 (p. 891)
3. CLR Exercise 35.3-5 (p. 907) Hint: Removing points *from* the current convex hull as you add a new point. How many times can you remove a particular point from the convex hull?