

1 Follow the Rules

For today’s practice, I have chosen a theme of problems that I consider the “follow the rules” variety. While these are not trivial problems to solve, solutions do not require knowledge of any advanced data structures or algorithms.

The particular problems I’m selecting are all taken from recent years in our Mid-Central regional. I have intentionally listed the problem in decreasing order of teams’ success rate; you can decide whether you wish to start at the top or bottom of this list. The judge’s data for all of these problems are loaded onto turing so that you can use our submit script to test your solutions. (See <http://cs.slu.edu/~goldwasser/icpc/resources/> for details and <http://cs.slu.edu/~goldwasser/cgi-bin/icpc> for links to problem statements.)

# Live Archive	hopper shortname	Problem	contest	success	notes
4920	mad	Mad Scientist	2010 Mid-Central	90%	
6099	lru	LRU Caching	2012 Mid-Central	67%	
6100	juggle	Jugglefest	2012 Mid-Central	60%	
6493	round	Round Robin	2013 Mid-Central	60%	
5934	sokoban	Sokoban	2011 Mid-Central	40%	2D grid
5935	crash	Crash and Go(relians)	2011 Mid-Central	35%	geometry
4170	bridges	The Bridges of San Motchi	2008 Mid-Central	22%	