

Tournament Data Sets

The following are the tournament data sets for final execution of your program. *You should encode each of these data sets and they should be turned in with your final code submission with directions on how the TAs can execute your program on them.*

An assignment has been created for submission of your tournament results. Submit your results there. You can also include a copy of them in your final report if you wish, **BUT** any copy in your final report should **NOT** be a substitute for the assignment submission. It is possible that these data sets generate more than one solution. My apologies if any do – note that you are *NOT* required to find more than one solution if multiple solutions exist.

NOTE: Since printing moves while generating a solution in automatic play takes too much time, it is acceptable for your program to show the starting board, generate a complete solution, and finally print the final board and the moves that were generated.

For all in CAP 5635 and those using LISP in CAP 4621, these data sets should be executed with your program using gcl on one of the following CISE machines (I believe all of these are current machines): sand, thunder, storm, or rain. If you are unable to run on one of these machines, use Allegro and identify the speed of your processor. Be sure to run your code compiled. To execute your code compiled do the following: execute (compile-file "file-name"). This will create a new file with an extension of .fls, .fasl, or something similar. Load this file and execute it as you normally do. The code should run 10 to 100 times faster than what it does when interpreted.

Your tournament results should be reported using the spreadsheet provided with the assignment.

1.

1				9
		6		
	18		14	
		16		
21				25

2.

3	4	9	10	15	16
2					17
1					18
36					19
31					24
30	29	28	27	26	25

3.

1		9		25		49
	3		11		27	
5						47
	15				29	
17						45
	35		33		31	
37		39		41		43

4.

54		52			37		35
58		48			41		31
			46				
				16			
63		5			18		26
1		11			20		22

5.

1				9
		21		
25				15

6.

25				13
		1		
21				17

7.

49						31
	9		3			
			5			
				17		
					25	
						37

8.

1							64
	7					38	
			14	19			
			29	30			
	48					43	
50							57

9.

	75		9		3		43
		79		1		15	
	77						41
		21				17	
	67						39
		31		29		27	
	63		33		35		37

10.

73		81		11		13		45
				1				
	68			19			40	
						26		
				29				
		32				36		
61								53

11.

81		79				74		72
			15			18		
		91		1				64
		32			9			
						25		
							47	
								53
98		38						59

12.

68									77
	50								
		20					29		
			22						
				10					
				1	6				
						34			
		15					36		
								86	
59									100

13.

1	4	5	6	7	8	21	22	41	42	43
2										44
119		13								47
120				104						48
121										51
112										52
111								35		55
96			99		83					56
95										57
92										58
91	90	89	78	77	76	75	74	73	60	59

14.

17		19		21		45		55		97		161
	5		7		43		53		95		163	
15												159
	3										165	
13												157
	29						61				167	
31												155
	69										169	
71												153
	73						85				149	
117												147
	121		125		129		133		137		145	
119		123		127		131		135		141		143

15.

41														211
	43												77	
		197												
			89											
				159						143				
					119									
						137								
							135							
						123		125						
									149					
				97						103				
											179			
												65		
													1	
27														225

16.

43		41		39		33		27
51								25
53								23
55								21
57		81		71		7		9

17.

1		3		19		23		25
7								27
75								35
81								45
61		59		57		49		47