P2: 2*7 156. 483.

No, the greedy algorithm not always find a best solution.

	o, in green	J arguma	4	34		1 .1	
Ch	eck the best	solution stile	- secretipy	produced,	by using	play - chile, py	
# move	Position	Inversions.	# move	position	Inversibus.		
0	2 × 7 1 5 6 4 × 3	12.	n	162 5米3 478	6		
1	*27 156 483.	12.	12	1 本 2 5 6 3 4 7 8	4		
2	1 2 7 * 5 6 4 8 3	10	13	12*	4		
3	127 5 * 5 4 8 3	10	14	123 56 * 478	2		
4	127 56* 483	10	15	123 5*6 478	2		
7	122	8	16	123 共56 478	2		
	1 * 2 5 6 7	8	17	123 456	0		
6	483		18	1 23 4 + 6	0		
7	162 527 483	10	The state of	7 * 8			
			19	456 78米	0		
8	162 57* 483	10	We notice		move #6 t	to move # 7,	
9	162 573 48*	8	the inversit	m increase is the green	ly rule. W	s another move har hile, it still get the	ŧ
10	162 573 438	У	best solution.	e greedy a	nimum moves Igovithm not a	luays find a best	