tep	best	avg	worst	
5000	1	12	13	
10000	1	10	14	
15000	1	10	14	
20000	1	14	15	
25000	1	14	15	
30000	1	13	15	
35000	1	13	16	best, avg and worst best avg worst
40000	1	16	16	
45000	1	16	16	20
50000	1	16	16	
				15
				40
				10
				5
				10000 20000 30000 40000 50000
				step