

## Sortări

### Descrierea testelor

Nr. test	Descriere	N	Valoare maxima
1	Random	100000	1000
2	Random	100000	1000000
3	Random	100000	1000000000
4	Random	1000000	1000
5	Random	1000000	1000000
6	Random	1000000	1000000000
7	Random	10000000	1000000
8	Random	10000000	1000000000
9	Multe egale	100000	1000
10	Multe egale	100000	1000000000
11	Multe egale	1000000	1000
12	Multe egale	1000000	1000000000
13	Multe egale	10000000	1000
14	Multe egale	10000000	1000000000
15	Permutare	100000	100000
16	Permutare	1000000	1000000
17	Permutare	10000000	10000000
18	Sir sortat	100000	1000
19	Sir sortat	100000	1000000000
20	Sir sortat	1000000	1000000
21	Sir sortat	1000000	1000000000
22	Sir sortat	10000000	1000000
23	Sir sortat	10000000	1000000000
24	Sir aproape sortat	100000	1000
25	Sir aproape sortat	100000	1000000000
26	Sir aproape sortat	1000000	1000000
27	Sir aproape sortat	1000000	1000000000
28	Sir aproape sortat	10000000	1000000
29	Sir aproape sortat	10000000	1000000000

Timp milisecunde	Mergesort	Quicksort	Radix sort	Heapsort	Sortare cu treap
1	23	14	3	45	114
2	23	26	4	45	95
3	23	27	5	42	94
4	235	135	29	556	1427
5	318	306	40	599	1975
6	310	317	50	588	2190
7	3697	3187	418	10679	34388
8	3374	3588	529	8766	32767
9	11	2	3	5	52
10	14	2	6	2	46
11	148	18	31	35	580
12	156	18	48	36	596
13	1718	195	361	255	5501
14	1687	190	528	256	5693
15	12	2	1	3	40
16	148	25	4	25	465
17	3106	18	59	251	5290
18	12	7	2	32	53
19	13	11	4	32	40
20	144	126	49	378	508
21	146	123	74	372	473
22	1826	1325	448	4485	5092
23	1734	1736	495	7455	5124
24	13	6	3	34	49
25	12	10	6	32	49
26	152	141	38	647	502
27	145	156	48	655	541
28	1803	1412	395	6579	6222
29	1906	1498	528	4380	5516