|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Timp (in secunde) | N = 100  Max = 1000 | N = 100  Max = 50 | N = 100  Max = 1000000000 | N = 1000  Max = 1000 | N = 1000  Max = 1000000 | N = 10000  Max = 1000 | N = 100000  Max = 1000000 | N = 1000000  Max = 1000000 |
| Merge sort | 0.000137 | 0.000146 | 0.000133 | 0.015621 | 0.001316 | 0.031282 | 0.281154 | 2.93684 |
| Radix sort (baza 10) | 0.000042 | 0.000029 | 0.004241 | 0.00039 | 0.000708 | 0.005851 | 0.046896 | 0.374922 |
| Radix sort  (baza 2) | 0.000111 | 0.000089 | 0.012299 | 0.001043 | 0.001395 | 0.008895 | 0.109315 | 1.07787 |
| Radix sort  (baza 8) | 0.000045 | 0.00003 | 0.004659 | 0.000415 | 0.000529 | 0.003317 | 0.046898 | 0.374907 |
| Radix sort  (baza 16) | 0.00004 | 0.000023 | 0.003344 | 0.00026 | 0.000461 | 0.002631 | 0.031209 | 0.265553 |
| Shell sort | 0.000017 | 0.000018 | 0.004341 | 0.000309 | 0.000243 | 0.00395 | 0.062484 | 0.765412 |
| Bubble sort | 0.00008 | 0.000107 | 0.000071 | 0.062202 | 0.015628 | 0.734245 | 73.9769 | 7430 |
| Counting sort | 0.000068 | 0.000011 | overflow | 0.000142 | 0.031257 | 0.000512 | 0.046852 | 0.12498 |
| Sort | 0.000014 | 0.000023 | 0.000027 | 0.000325 | 0.000263 | 0.002488 | 0.031242 | 0.406198 |

! Mentionez ca testele au fost generate in limita permisa de code::blocks (pentru siruri mai mari de 10^7, nu puteam deschide fisierul cu numerele generate, aplicatia se bloca) si, probabil, de laptop.