**Timpi sortare ( exprimat in secunde)**

**Test 1 ( N = 10^5 && M =10^5)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sortare/Tip vector | InsertionSort | | CountSort | MergeSort | QuickSort | RadixSort | STLSort |
| Aproape sortat | 10.497 | 0.004 | | 0.058 | 0.024 | 0.01 | 0.027 |
| Aproape sortat, desc | 18.067 | 0.004 | | 0.055 | 0.022 | 0.009 | 0.026 |
| Random | 14.359 | 0.005 | | 0.063 | 0.023 | 0.009 | 0.027 |
| Constant | 0.001 | 0.003 | | 0.052 | - | 0.007 | 0.02 |
| Numere reale | 14.181 | - | | 0.065 | 0.026 |  | 0.001 |

**Test 2 ( N = 10^6 && M =10^6)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sortare/Tip vector | InsertionSort | CountSort | MergeSort | QuickSort | RadixSort | STLSort |
| Aproape sortat | - | 0.039 | 0.621 | 0.275 | 0.077 | 0.299 |
| Aproape sortat, desc | - | 0.038 | 0.626 | 0.248 | 0.074 | 0.28 |
| Random | - | 0.043 | 0.692 | 0.269 | 0.074 | 0.236 |
| Constant | 0.008 | 0.027 | 0.545 | - | 0.063 | 0.238 |
| Numere reale | - | - | 0.696 | 0.282 | - | 0.01 |

**Test 3 ( N = 10^7 && M =10^7)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sortare/Tip vector | InsertionSort | CountSort | MergeSort | QuickSort | RadixSort | STLSort |
| Aproape sortat | - | 0.496 | 7.17 | 3.227 | 1.087 | 3.574 |
| Aproape sortat, desc | - | 0.512 | 7.117 | 3.019 | 0.993 | 3.417 |
| Random | - | 0.612 | 7.864 | 3.33 | 1.023 | 3.785 |
| Constant | 0.073 | 0.305 | 6.37 | - | 1.016 | 2.951 |
| Numere reale | - | - | 8.052 | 3.306 | - | 0.213 |

**Test 4 ( N = 10^8 && M =10^8)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sortare/Tip vector | InsertionSort | CountSort | MergeSort | QuickSort | RadixSort | STLSort |
| Aproape sortat | - | 5.077 | - | - | 10.382 | 35.78 |
| Aproape sortat, desc | - | 5.112 | - | - | 9.857 | 36.7 |
| Random | - | 6.214 | - | - | 9.991 | 42.89 |
| Constant | 0.746 | 2.903 | - | - | 9.96 | 32.897 |
| Numere reale | - | - | - | - | - | - |