|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **n =** | 10 | 100 | 1000 | 10000 | 100000 | | 1000000 |
| **Case** | **Sort** |
| best | merge | 1.720000 microsec | 19.930000 microsec | 199.850000 microsec | 1.879930000 milisec | | 18.820770000 milisec | 0.195622730000 sec |
| quick | 5.440000 microsec | 34.250000 microsec | 265.990000 microsec | 3.095720000 milisec | | 34.984290000 milisec | 0.289728260000 sec |
| worst | merge | 1.670000 microsec | 19.560000 microsec | 225.050000 microsec | 1.816380000 milisec | | 18.685700000 milisec | 0.194643610000 sec |
| quick | 6.800000 microsec | 60.710000 microsec | 1524.900000 microsec | 109.386130000 milisec | | 10.567867600000 sec | 14536.14948 sec(approximately) |
| average | merge | 1.730000 microsec | 21.710000 microsec | 267.010000 microsec | 2.290420000 milisec | | 24.863440000 milisec | 0.258998120000 sec |
| quick | 5.470000 microsec | 36.990000 microsec | 372.000000 microsec | 3.914270000 milisec | | 44.765310000 sec | 0.592533010000 sec |