|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Array length | 100 | 1,000 | 10,000 | 100,000 |
| selection sort sorting time (s) | 0.0 | 0.06328392028808594 | 3.9203052520751953 | 422.46339559555054 |
| insertion sort sorting time (s) | 0.0 | 0.026964664459228516 | 2.477370500564575 | 249.37164855003357 |
| merge sort sorting time (s) | 0.000993490219116211 | 0.004021406173706055 | 0.05289793014526367 | 0.4946599006652832 |
| quicksort sorting time (s) | 0.0009505748748779297 | 0.02194833755493164 | 0.04389667510986328 | 0.2194833755493164 |