|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SIZE of arrays | Insertion-Sort  Number of char operations | | Merge-Sort  Number of char operations | | Quick-Sort  Number of char operations | |
|  | Program Output | Theoretical (Expected)Output | Program Output | Theoretical (Expected)Output | Program Output | Theoretical (Expected)Output |
| 100 |  |  |  |  |  |  |
| 1000 |  | 112927 |  | 1354 |  | 1251 |
| 5000 |  | 461337 |  | 3266 |  | 2167 |
| 10000 |  | 1003081 |  | 5153 |  | 3622 |
| 15000 |  | 11014322 |  | 18453 |  | 12940 |