|  |  |  |  |
| --- | --- | --- | --- |
| K Target Values (Size of the array) | N Values | Execution Time (sec) | |
|  |  | Algorithm One | Algorithm Two |
| 10 | 1000 | 0.0 | 0.01925 |
| 2000 | 0.00199 | 0.03502 |
| 5000 | 0.00328 | 0.11052 |
| 10000 | 0.00698 | 0.18397 |
| 25 | 1000 | 0.00199 | 0.01925 |
| 2000 | 0.00684 | 0.03502 |
| 5000 | 0.00821 | 0.11052 |
| 10000 | 0.01920 | 0.18397 |
| 50 | 1000 | 0.00404 | 0.01904 |
| 2000 | 0.00901 | 0.03471 |
| 5000 | 0.01906 | 0.15145 |
| 10000 | 0.03987 | 0.20469 |
| 100 | 1000 | 0.00935 | 0.01698 |
| 2000 | 0.01895 | 0.03089 |
| 5000 | 0.04968 | 0.09628 |
| 10000 | 0.08708 | 0.17151 |
| 250 | 1000 | 0.01956 | 0.01806 |
| 2000 | 0.04013 | 0.03823 |
| 5000 | 0.09323 | 0.07863 |
| 10000 | 0.22618 | 0.17284 |
| 500 | 1000 | 0.05466 | 0.02443 |
| 2000 | 0.10077 | 0.05139 |
| 5000 | 0.24910 | 0.10417 |
| 10000 | 0.48888 | 0.17773 |
| 1000 | 1000 | 0.23787 | 0.03446 |
| 2000 | 0.17728 | 0.03559 |
| 5000 | 0.43772 | 0.08041 |
| 10000 | 0.79971 | 0.18806 |