|  |  |  |  |
| --- | --- | --- | --- |
| Text size | C++ | Java | Python |
| 100 | 3.6 | 0.2 | 777 |
| 500 | 5.5 | 0.21 | 1011 |
| 1000 | 14.3 | 0.32 | 2477 |
| 5000 | 168.8 | 2.5 | 6882 |
| 10000 | 141.3 | 4.9 | 15627 |
| 100000 | 611 | 37.5 | 154368 |

Rabin – karp

|  |  |  |  |
| --- | --- | --- | --- |
| Text size | C++ | java | python |
| 100 | 2.8 | 0 | 199.9 |
| 500 | 5.2 | 0.1 | 723.5 |
| 1000 | 69.5 | 0.3 | 1148.3 |
| 5000 | 133.8 | 1.8 | 4674.1 |
| 10000 | 126.3 | 4.4 | 10216.4 |
| 100000 | 781.4 | 41.3 | 129764.1 |

Kmp

|  |  |  |  |
| --- | --- | --- | --- |
| Text size | C++ | java | python |
| 100 | 16.6 | 0 | 199 |
| 500 | 69.4 | 1.2 | 659 |
| 1000 | 108.2 | 4.7 | 811 |
| 5000 | 74.6 | 1.4 | 3848 |
| 10000 | 303.4 | 3.1 | 7222 |
| 100000 | 591.8 | 26.3 | 69011 |

Boyer moore bad suffix