Oscar Saravia

CMSC 204

Hashing Lab

Linear Quotient

|  |  |
| --- | --- |
| 0 | 13 |
| 1 | 27 |
| 2 | 26 |
| 3 | 109 |
| 4 |  |
| 5 | 53 |
| 6 |  |
| 7 | 49 |
| 8 | 138 |
| 9 |  |
| 10 | 10 |
| 11 | 24 |
| 12 | 174 |

Buckets

|  |  |  |
| --- | --- | --- |
| 0 | 10 |  |
| 1 |  |  |
| 2 |  |  |
| 3 | 53 | 13 |
| 4 | 174 | 14 |
| 5 |  |  |
| 6 | 26 |  |
| 7 | 27 |  |
| 8 | 138 |  |
| 9 | 109 | 49 |

# Of Comparisons to retrieve

|  |  |  |
| --- | --- | --- |
| Key | Linear Array | Buckets |
| 53 | 2 | 2 |
| 138 | 1 | 1 |
| 109 | 4 | 2 |
| 49 | 5 | 2 |
| 174 | 2 | 2 |
| 26 | 2 | 1 |