NAME: ADARSH RANA ROLL NO :3203 CLASS: COMP A

COMPARATIVE STUDY: LINEAR SEARCH AND BINARY SEARCH

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| size | Linear search | | | | Binary search | | | |
|  | Key 1 | comparison | Key 2 | comparison | Key 1 | comparison | Key 2 | comparison |
| 15 | 3 | 3 | 15 | 15 | 3 | 4 | 14 | 3 |
| 128 | 10 | 10 | 128 | 128 | 10 | 7 | 128 | 7 |
| 1024 | 50 | 50 | 1023 | 1023 | 50 | 10 | 1023 | 10 |
| 16384 | 1000 | 1000 | 16384 | 16384 | 1000 | 14 | 16384 | 14 |







