# Name Jihyo Kim

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# Lab 7 results

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| --- | --- | --- | --- | --- |
| **Input file** | **Declared size of hash table array** | **Hash function H1 #collisions** | **Hash function H2 #collisions** | **Hash function H3 #collisions** |
| 37\_names.txt | 37 | 19 | 21 | 20 |
| 37\_names.txt | 74 | 10 | 13 | 12 |
| 37\_names.txt | 185 | 7 | 9 | 6 |
| 37\_names.txt | 370 | 7 | 5 | 2 |
| 333\_names.txt | 333 | 289 | 203 | 159 |
| 333\_names.txt | 666 | 289 | 122 | 88 |
| 333\_names.txt | 1665 | 289 | 85 | 30 |
| 333\_names.txt | 3330 | 289 | 75 | 25 |
| 5163\_names.txt | 5163 | 5107 | 3172 | 2684 |
| 5163\_names.txt | 10326 | 5107 | 2183 | 1472 |
| 5163\_names.txt | 25815 | 5107 | 1587 | 730 |
| 5163\_names.txt | 51630 | 5107 | 1392 | 493 |