Assignement 7- TABLES

100.data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hash Function (char \* c, int i);** | **ISF \*** | **MFF \*\*** | **Max Collisions** | **Number of Resizes** |
| H1 | .25 | .60 | 7 | 3 |
| H1 | .20 | .75 | 15 | 3 |
| H1 | .20 | .80 | 15 | 3 |
| H1 | .25 | .83 | 16 | 3 |
| H1 | .25 | .85 | 16 | 3 |
| H1 | .50 | .90 | 27 | 2 |
| H2 | .25 | .60 | 11 | 3 |
| H2 | .20 | .75 | 8 | 3 |
| H2 | .20 | .80 | 20 | 3 |
| H2 | .25 | .83 | 15 | 3 |
| H2 | .25 | .85 | 15 | 3 |
| H2 | .50 | .90 | 32 | 2 |
| H3 | .25 | .60 | 5 | 3 |
| H3 | .20 | .75 | 11 | 3 |
| H3 | .20 | .80 | 11 | 3 |
| H3 | .25 | .83 | 16 | 3 |
| H3 | .25 | .85 | 25 | 3 |
| H3 | .50 | .90 | 25 | 2 |

1000.data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hash Function (char \* c, int i);** | **ISF \*** | **MFF \*\*** | **Max Collisions** | **Number of Resizes** |
| H1 | .25 | .60 | 852 | 3 |
| H1 | .20 | .75 | 852 | 3 |
| H1 | .20 | .80 | 852 | 3 |
| H1 | .25 | .83 | 852 | 3 |
| H1 | .25 | .85 | 852 | 3 |
| H1 | .50 | .90 | 852 | 2 |
| H2 | .25 | .60 | 22 | 3 |
| H2 | .20 | .75 | 26 | 3 |
| H2 | .20 | .80 | 58 | 3 |
| H2 | .25 | .83 | 51 | 3 |
| H2 | .25 | .85 | 53 | 3 |
| H2 | .50 | .90 | 116 | 2 |
| H3 | .25 | .60 | 28 | 3 |
| H3 | .20 | .75 | 44 | 3 |
| H3 | .20 | .80 | 64 | 3 |
| H3 | .25 | .83 | 94 | 3 |
| H3 | .25 | .85 | 94 | 3 |
| H3 | .50 | .90 | 159 | 2 |