

Hash Function (on ID):

1. Division Remainder by MAX_N_LOC
2. If remainder is 0, use MAX_N_LOC
3. return that as the homeAddress

CollisionResolutionAlgorithm:

- Linear (with wrap-around)
- Embedded Overflow (Coll's in Home area)

Code	ID	Home Address	Final RRN	Home /Coll
MEX	12			
CHN	23			
JPN	13			
USA	6			
FRA	19			
BEL	27			
GBR	32			
HTI	39			
VEN	43			
NIC	10			
POL	20			
YEM	90			
EGY	30			
LBN	60			
IND	72			
OMN	42			
DEU	53			
SOM	69			
WSM	37			
KEN	102			
XVI	1			
QAT	35			
ZWE	132			
RUS	120			
TCA	29			
ATA	59			

ABOVE STRUCTURE **NOT** ACTUALLY IN THE PROGRAM

– it's just used as a worksheet

Average Search Path: _____**ACTUAL DATA FILE**

searchTime

RRN	ID	restOfRec (Code, etc.)	<u>(# I/O's)</u>
1			
2			
3			
4			
5			
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