Verification Project 8 - Hashing

Line #	Data File	Primary Key	PrimaryKey % 5 = Hash Index	Hash Table	Chain (Offset)		
0	8 blank 0 0.0	SKIP HEADER		0	12345 (1)	12165 (5)	
1	12345 Item06 45 14.2	12345	0	1	34186 (4)	16541 (6)	
2	12434 Item04 21 17.3	12434	4	2	12382 (3)	21212 (7)	41472 (8)
3	12382 Item09 62 41.37	12382	2	3			
4	34186 Item25 18 17.75	34186	1	4	12434 (2)		
5	12165 Item16 30 7.69	12165	0	5			
6	16541 Item12 21 9.99	16541	1				
7	21212 Itme31 19 8.35	21212	2				
8	41742 Item14 55 12.36	41742	2				

Verification Project 8 - Searching

Hash Table	Chain (Offset)			Search Key	Search key % 5	Accesses	Result	Print
0	12345 (1)	12165 (5)		12345	0	table[0]->12345	Found	12345 Item06 45 14.2
1	34186 (4)	16541 (6)						
2	12382 (3)	21212 (7)	41472 (8)	12165	0	table[0]->12345->12165	Found	12165 Item16 30 7.69
3								
4	12434 (2)			41742	2	table[2]->12382->21212->41472	Found	41742 Item14 55 12.36
5								
				11111	1	table[1]->12345->12165->NULL	Not Found	Record not found.
				_				
				_				
			_	_				
				_				
				_				
				-				