

## Lab 2: collected data for the test files

### Expected results

	Initial table size	Load factor	N. of re-hashes					
test_file1.txt	100	0.27	1	N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited
				69	56	56	159	2.30
test_file2.txt	800	0.31	1	N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited
				1063	497	497	1951	1.84
test_file3.txt	80000	0.31	1	N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited
				49170	49169	49169	122646	2.49

### Your results

	Initial table size	Load factor	N. of re-hashes					
test_file1.txt	100			N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited
test_file2.txt	800			N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited
test_file3.txt	80000			N. of words	N. of unique words	N. of calls to <i>new Item()</i>	N. of slots visited	Average n. of slots visited

## How important is the table load's factor?

Fill in the missing values in the table

	Initial table size	Load factor	N. of re-hashes				
<b>test_file2.txt</b>	500			N. of words	N. of unique words	N. of slots visited	Average n. of slots visited
				1063	497		
<b>test_file2.txt</b> (disallow re-hashing)	500		0	N. of words	N. of unique words	N. of slots visited	Average n. of slots visited
				1063	497		
<b>test_file3.txt</b>	51000			N. of words	N. of unique words	N. of slots visited	Average n. of slots visited
				49170	49169		
<b>test_file3.txt</b> (disallow re-hashing)	51000		0	N. of words	N. of unique words	N. of slots visited	Average n. of slots visited
				49170	49169		