

Answers to the exercises for chapter: Hashing

1. Use this same method to derive two or more single-byte keys **h1**, **h2**, et cetera, and combine these. You need to make sure that the starting values for **h1**, **h2** are different.
2. In a list that is sorted, you do not have to search to the end. Your average search time will be halved if the search is unsuccessful. If the search is successful there will be no difference.

In languages with a block structure, data needs to be removed from the list at the end of a block. It is then a better idea to organize data by block level, with the innermost block at the front of the list. If the blocklevel is included in the key (as most significant part), the list will be organized this way by keeping it sorted.