

In this work we describe five methods of external hashing: Cormack Perfect Hashing, Perfect Hashing from Larson and Kajla, Fagin's Extendible hashing, Litwin's Linear Hashing and Breaking of Pages by Groups. Our main goal is to enhance the lecturer experience of the subject "Data organization and processing". We created five programs in the Java programming language, one for each of these hashing methods. All of these programs enable the user to insert and find arbitrary keys and let him set the hash function, used by the respective method.