

Hashtable/Dictionary

Vocab

Collision
Collision avoidance
Hashing
Internal structure
Load factor
Capacity

Questions to answer

Why is a hashtable or dictionary fast?
What is the biggest negative of a hashtable? Why?
What is the biggest benefit of a hashtable? Why?
What use is the getNextPrime method?
What is the sieve of Eratosthenes?
What is it called when you have multiple values with the same hash result?
What builtin method in Java is a good use for objects in a hash table?
What is the importance of the load factor of a hash table?
What is the relationship between capacity and load factor?
When should a hashtable be resized?
What is an example of a bad key?
Explain a simple collision handling system
When do you need to verify a value from a retrieval of a hash table