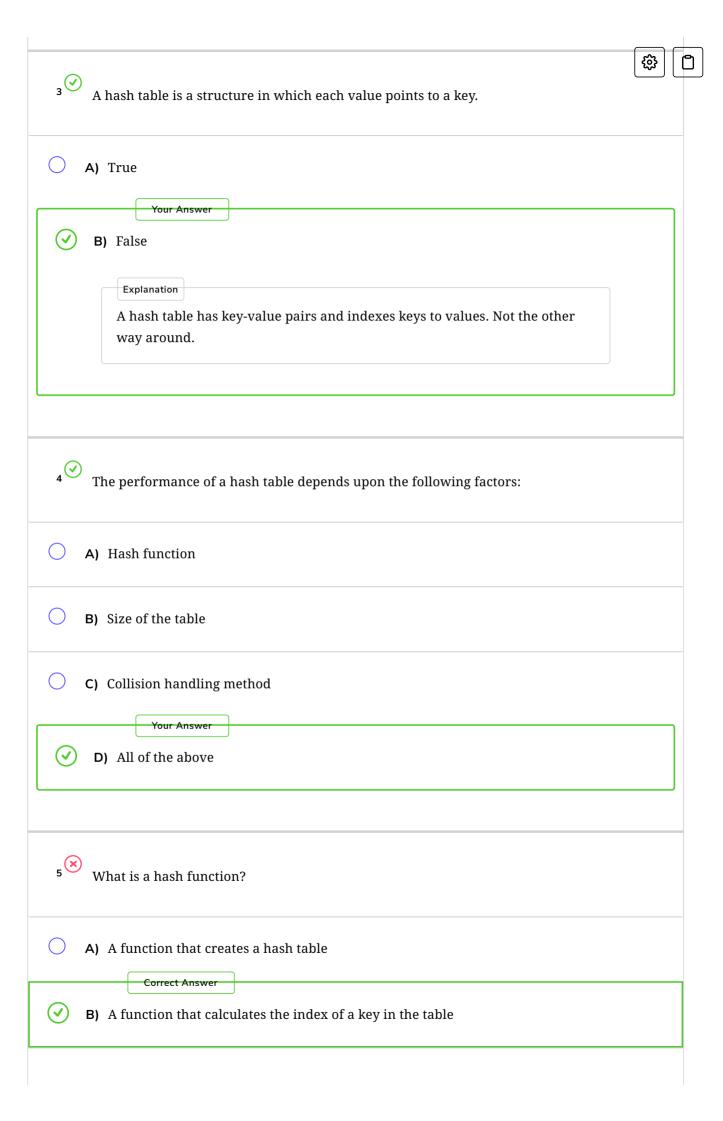


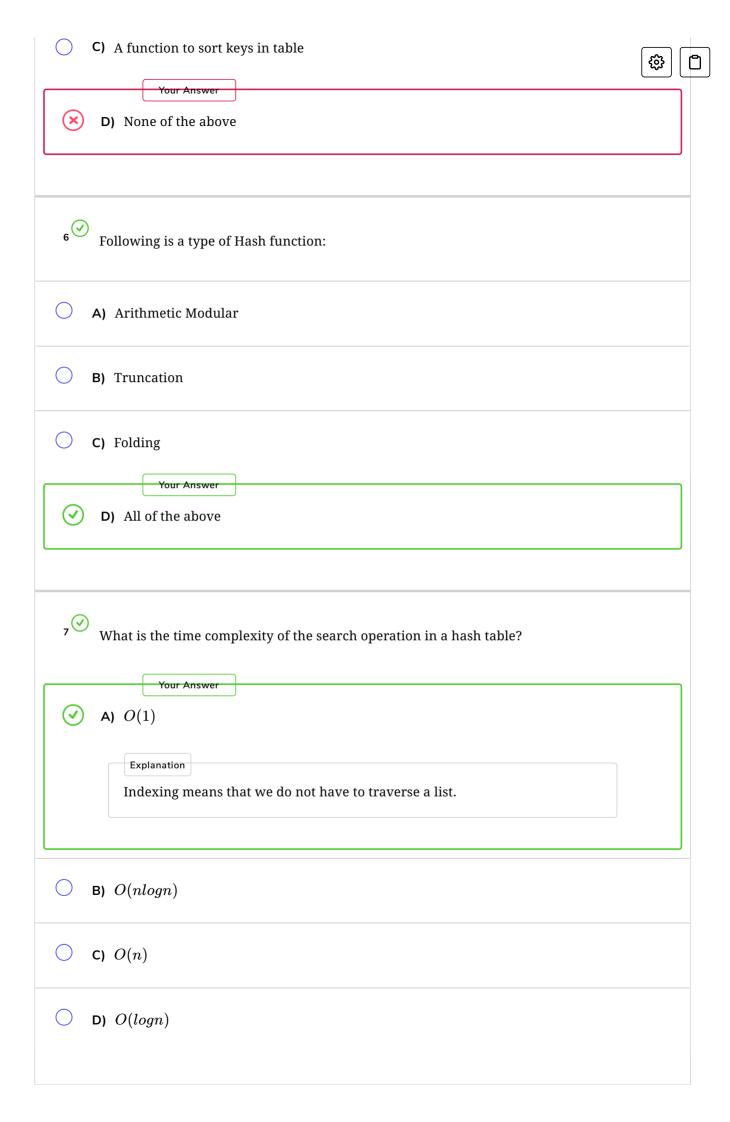


Hashing Quiz: Test your understanding of Hashing

The most commonly asked interview questions about hashing will be covered in this lesson in the form of a quiz.

While inserting a new value to a hash key that is already occupied, we find some other position to assign to it. What is this process called?
A) Address space resolution Your Answer B) Collision resolution
C) Chaining resolution
O) None of the above
We can avoid collisions by using the following strategy:
Your Answer A) Chaining
Values with the same hash key can be stroed in a bucket at that index.
O B) Sorting
C) Using Stacks/Queues
O) None of the above









What type of hash function does the following action?

"Divide the key into smaller chunks and apply an arithmetic operation on each chunk"

$$key = 456789 \ -> index = 45 + 67 + 89$$

- A) Arithmetic Modular
- B) Truncation

Your Answer

- C) Folding
- **D)** None of the above

⁹ What type of hash function does the following action?

"Selecting part of the key instead of the whole key"

$$key = 1234 \rightarrow index = 23$$

A) Arithmetic Modular

Your Answer

- \bigcirc
- B) Truncation
- C) Folding
- **D)** None of the above
- What type of hash function does the following action?

"Take modulo of the table size with the key"

