QUIZ CONCEPTUAL

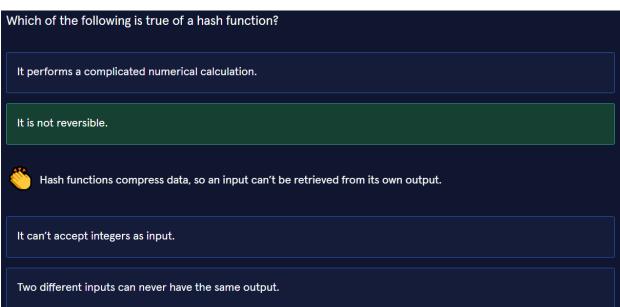
How does a hash map turn the hash code for something into an array index?

By dividing the hash code into four different possibilities and choosing the one that's empty.

Using the modulus operator, usually via a compression method.

Correct! The compression could be built in to the hash method itself.

A hash map picks the next available space in the underlying array.



Given a hash table that handles collisions, which of the following need to be saved so that values can be assigned, reassigned, and looked up?
The Key
The Hash Code
The Array Index
The Value
The key and the value.
The key is necessary because two different keys might produce the same hash.
The hash code and the value.
Just the value.
What does the collision strategy called <i>Open Addressing</i> do when it finds a collision?
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