

# Cracking the Coding Interview 6th edition

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# Cracking the coding interview 6th edition

Go over all the programming questions and keep reminders and cheat notes.

# Big(O)Notation

## Time Complexity

$O(1)$  constant time. This is never counted.  $O(n)$  this mean it takes  $n$  time.  $O(n)$  is linear time. No matter how big the constant  $O(1)$  is linear will surpass it at some point.

Industry meaning of Big O notation is more academia Big Theta. Big O merges the

## Best case Worst case and Expected Case

Best case ususally for most algorithms could be  $O(1)$