

Runtime Complexity

Describes the
performance of an
algorithm

How much more processing power/time is
required to run your algorithm if we double
the inputs?

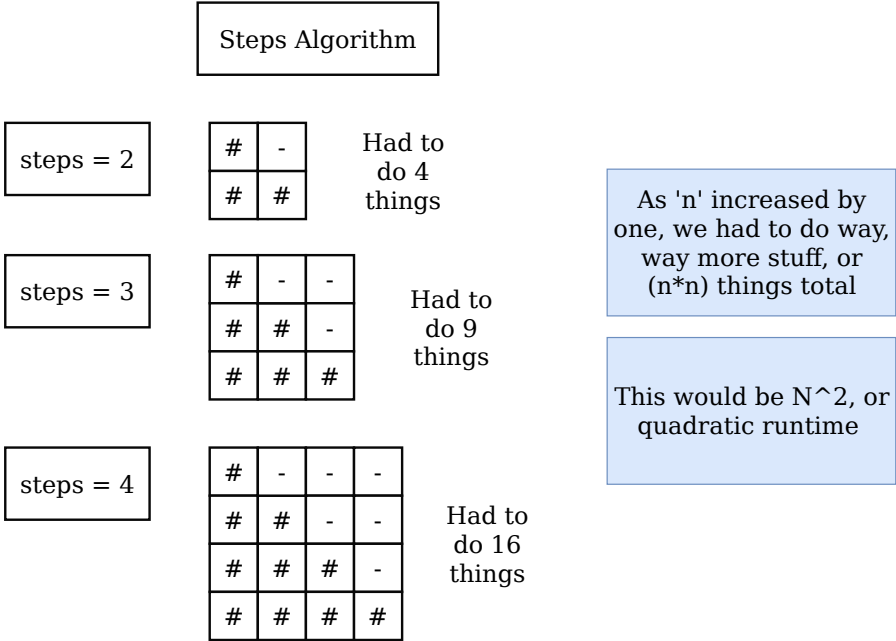
String Reverse

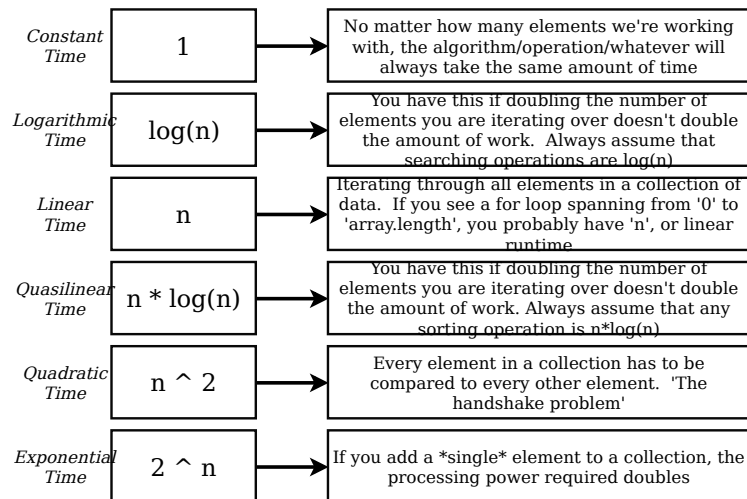
abc → cba

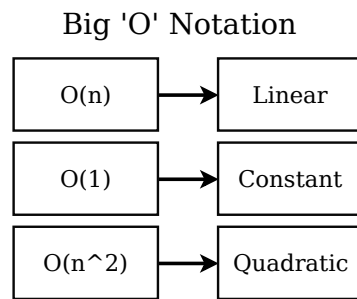
abcdefghijklmnopqrstuvwxyz → zyxwvutsrqponmlkjihgfedcba

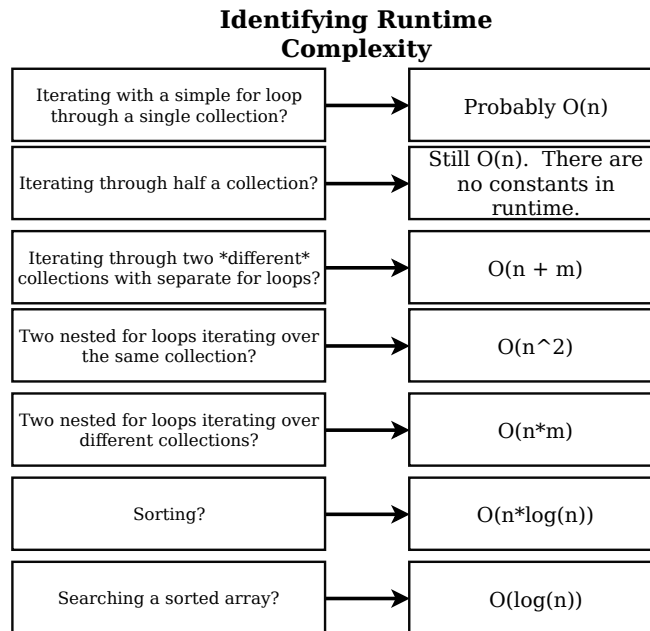
Each additional
character = 1
step through 1
loop

This would be 'N',
or 'linear'
runtime.









Last note...

Space Complexity is a thing
too

How much more memory is
required by doubling the
problem set?