

$O(N)$ - Linear Complexity

Examples:

- Searching an array
- Performing an action on every element in an array.
- Inserting an element alphabetically into an array
- Downloading something (this example overly simplifies this process)
- Searching page by page for a name in a phone book.

If 1 item takes 1 second to process, 100 items
take 100 seconds to process