

Term 2

Lesson 14

Linear Search

Linear Search

Steps:

Start at beginning of the set

Is this the correct value?

Move to the next value in the set

Repeat until _____ or _____

Linear Search

How do we move through an array?

| | | | | | | | | |
|---|---|---|---|---|---|--|--|------------|
| | | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | | | Length - 1 |

Linear Search

Advantages:

Easy to code and understand

Disadvantages:

Very slow for large datasets