Linear Search

linear search algorithm searches for an element in the dataset from the beginning to the end. The search is terminated once the target element is found.

Time Complexity

```
 \begin{array}{l} \textbf{Best-case} &: 0 (1) \\ \textbf{target is found in the first position.} \\ \textbf{Worst-case} &: 0 (n) \\ \textbf{target is either found in the end of the list or not found in the list.} \\ \end{array}
```