Searching, sorting & recursion

C Reference · Vocabulary in context

Word	Example
linear search /ˈlɪnɪə sɜːtʃ/	A **linear search** checks each item one by one.
binary search /ˈbaɪnəri sɜːtʃ/	**Binary search** halves the list each time.
sorted /ˈsɔːtɪd/	Binary search only works on a **sorted** list.
bubble sort /ˈbʌbl sɔːt/	**Bubble sort** swaps two items next to each other if they are in the wrong order.
swap /swɒp/	Bubble sort will **swap** two items that are in the wrong order.
recursion /rɪˈkɜːʃn/	**Recursion** means a function calls itself.
base case /beɪs keɪs/	The **base case** stops the recursion.

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