## Searching / Sorting

Basic linear/sequential search (Java):



For a binary search, the worse case search time is log(n)

## Sorting algorithms:

	Bubble	Merge	Quicksort
Time (n)	n^2	n*log(n)	Worst case n <sup>2</sup> , average case n <sup>*</sup> log(n)

## Delete / Drop / Alter (MySQL)

- Update modifies the data
- Alter <u>modifies</u> the schemas
- Delete removes the data only
- Drop removes both schema and data

Do a **SELECT** before you delete to see what you're getting

