

Alg

dictionary Search
or Interpolation Search

42 52 62 72 82 96

11/2 R

$$\frac{\text{Value} - L[0]}{L[n-1] - L[0]} = \frac{S^{19} - A1}{Z^{20} - A1} = \frac{18}{25}$$

Pareto Principle

80:20 rule

Classic sorting algorithms not good for this

Self-sorting
&

- Keep count & dampen over time

Self-organizing Lists

- Put in Front (Recency-based) - works well

- Transposing (Circle-issue)

Hashing

→ Key-value system

- Hash Fxn

Quiz

1. 0 1 2 3 4 5 6 7 8 9

100 411 242 203 516 317

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