if (target equals contents (mid]) match! else if (target < (ontents [mid]) look at the left side else 1/ target > contents Civil] look at the /yht side

164 TO 11 12 13 14 15 16 17 18 19 20 21 mid lc 5+ target (0+21) 12 = 10 (11+2)/2=16 (+1 (17+21)/21

(04) 10 11 12 18 14 15 16 17 18

Efficiency 0 (n) Segmential Semb (unso Ard data) 0 (n) Sequential Search (sorted data) 16 Hems O(logzn) Binary Scorch (sorted array) 251 Recursive Binary Fearch Iterative

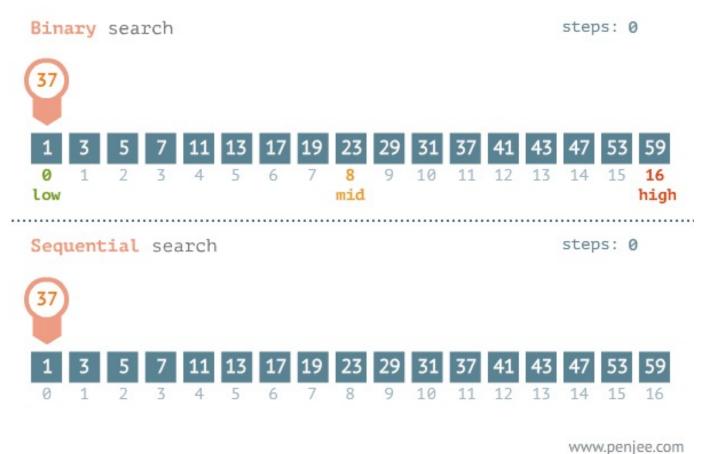
sairs time

elegant & redustand

Consider searching a linked-chain implementation 2 | 32 | 32 | 39 | 39 | sequential seach O(n) # better

brong sworch

Binary vs sequential search



https://devopedia.org/binary-search