Introduction to Algorithms: > msertion * Binary Search * Selection Sost * Recuesive Binary Sarch *

* Jump Search

* Interpolation Search Comparison Algos Shell Sort * Rade'x Sort Linear Search: -> Traversal Search Normal -9/0/42/3/200/11 O(1) if (aut I:J==tauget) O(n) return i, Binary Search's Pre-Condition Key = 23 2 8 10 (IS) 19 23 37 0 1 2 3 4 5 6 m m m e ① if (aur(mid) = = kay) $s \ge e$ $\frac{6+6}{2}$ ① if (aur(mid) < key) e = sm = 323 -> 80 to right side $15 < 23 \rightarrow 8$ 5 = m+1;all [mid] = = kg (III) if all [mid] > key (15>8) swift to (Mercedes) DRY - RUN Pure Storage) Binary Search Time Complexity lift part | sight part where k = 0, 1, 2, 3...Big O Notation Frinal Mid Value Foomula: = (INT_UAX + INT_ MAX Infofant Binary Search Cha.
for Placements:

Leet Code
Coding N * Square Root of a Aggressive Cows Book Allocation Problem