⊙ Lookup Functions

- Vlookup (vertical lookup)

=VLOOKUP("Bob", $B$4:$D$6, 3, FALSE)

VLOOKUP (lookup-value, table-array, col-index-num, [range-lookup])

- HLOOKUP (Horizontal lookup)

HLOOKUP("Q3", $D$11:$E$12, 2, FALSE)

- MATCH(lookup-value, lookup-array, [match-type])

- INDEX (array, row-num, [column-num])

⊙ Nested Functions
        One function inside another function

=UNIQUE (array, [by-col], [exactly-once])

① Data Structures

25	35	47	64	49

c_0 c_1 c_2 c_3 c_4

1   2   3   4   5

Searching Algorithms

Linear   Binary Search