

What kind of mapping
are dictionaries
useful for

x A	1 - 1
x B	1 - N
✓ C	N - 1
x D	N - N

There is no sequence between the keys of a dictionary.

$\{ \underline{k_1} : [\underline{A}, \underline{B}, \underline{C}, \underline{D}]$

$\underline{k_2} : [\underline{X}, \underline{Y}, \underline{Z}]$

$\underline{k_3} : [\underline{X}, \underline{A}]$

³
if there exists no k-v pair for A
Create one.

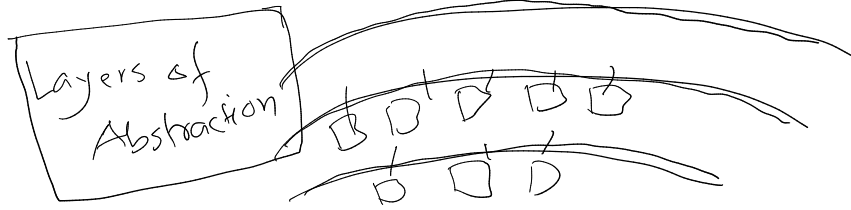
b-t-a [A].append($\underline{k_1}$)
A

Functions

Abstraction mechanism

- Hide Complexity : Build large systems

→ Problem Decomposition



Modules

- Abstraction of a logically cohesive part of system.

ASSIGNMENT 4

Released by us (and solved by you) in two steps.

✓ STEP 1. Release problems
Solve them
Today or tomorrow

✓ STEP 2 Early next week
Release instructions for submission

SCOPE OF NAME

Part of the program in which a name is visible/usable...