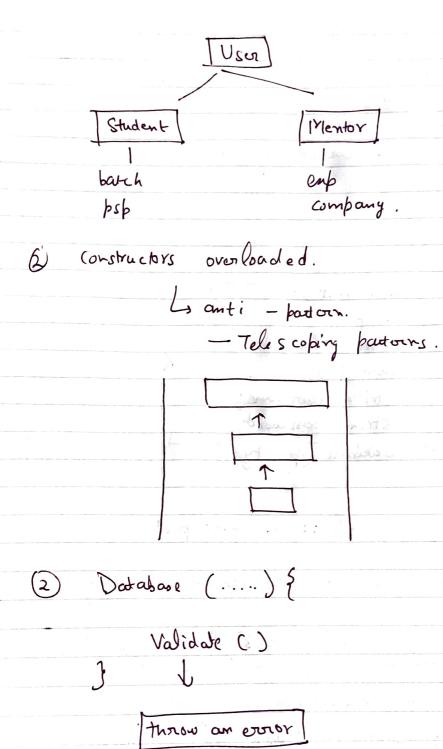
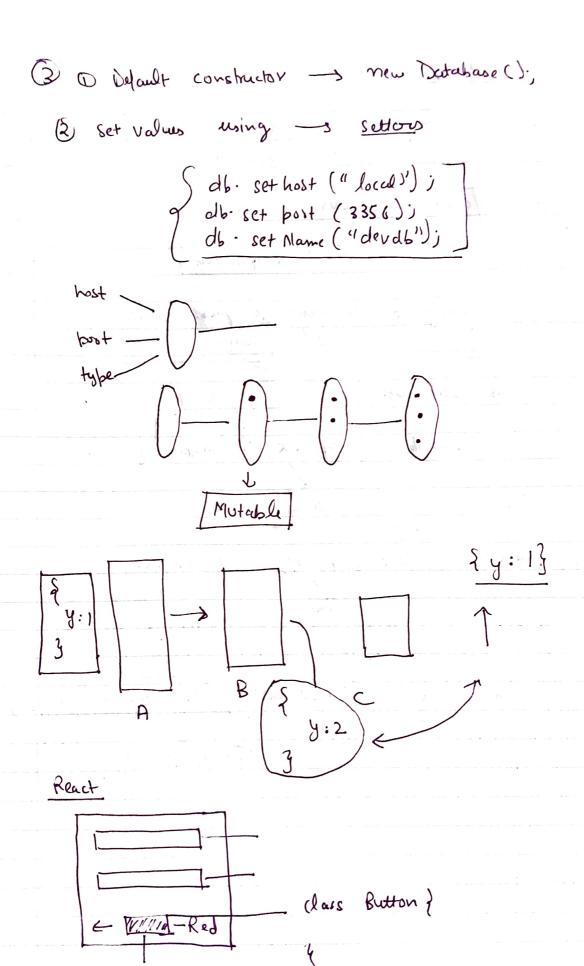
Day 08 Design Pattorn: Builder
1 Buildon
- Motivation - Alternatives
- Implementation
- Out of the box implementation.
Database
class Database {
int port
int port
String name; ]
Long id;
String bass word;
enum - Dodabane Type type;
JR J
my syl :: <host>: box t.</host>
(i) (rude an instance using constructor) - ctor
new Dadabase ("localhost", "4453", "dev", 1; 4, "")
La Not maintainable.
La Database (usorname, passussa)
String String.
D (password, username)
~ Crossword J weekname J





Immutable - do not modify objects (1) [constructor] - 3 [not maintainable]

Validation. (a) default constructor + setter - I moutable Controller - s we have to pass a lot of value / args. Class Database ? Database (Map < k, V > map) { } String

String

Dedabase (host, port) - object Integer. new Database ("local host", "Visha Kapatram")); Exception

+ class -> Type safe. + Inmutable -> No side effects + Validate -> before constructor. + on demand -Static class L, only rested Static class. inner class outor class. class A &

Static class (B) {

(2)

3

Ls inner

Private Database () 23 — ()

Public static class Database Builder ()?

Step 1 - Hide the constructor of outon.

Step 2 - Cruate a Static innor class.

Step 3 - Coby all oder fields to imer class.

class A }
string b;

static A Builder { 
String 6;

Stepy - Add a build method in inner class.

Static Build der {

BL;

build () {

A = A();

A · b = b;

return A;