

5C:

clarify:

core objects

cases

classes

correctness

define class:

elevator system

elevator cab (box)

floors

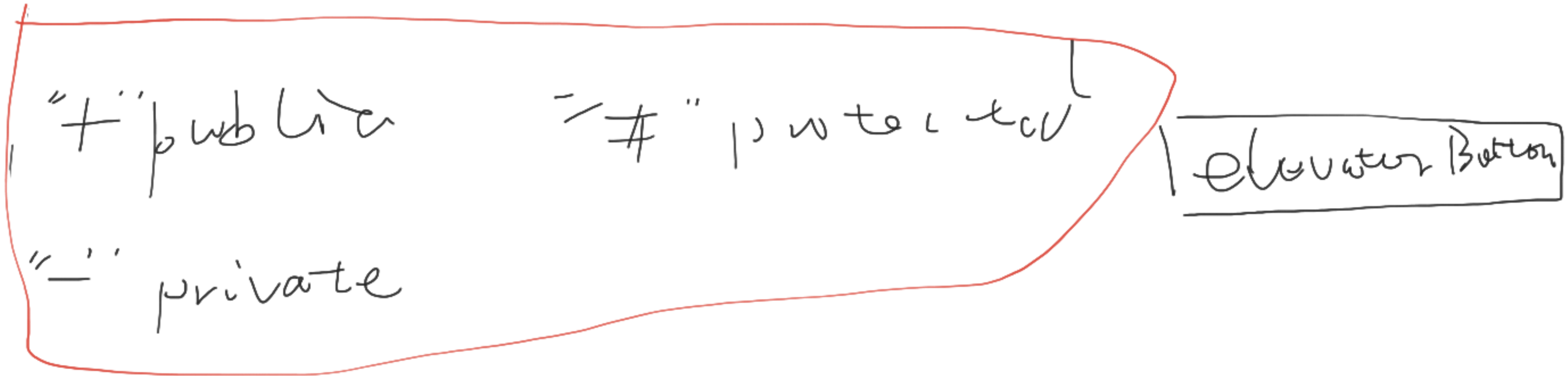
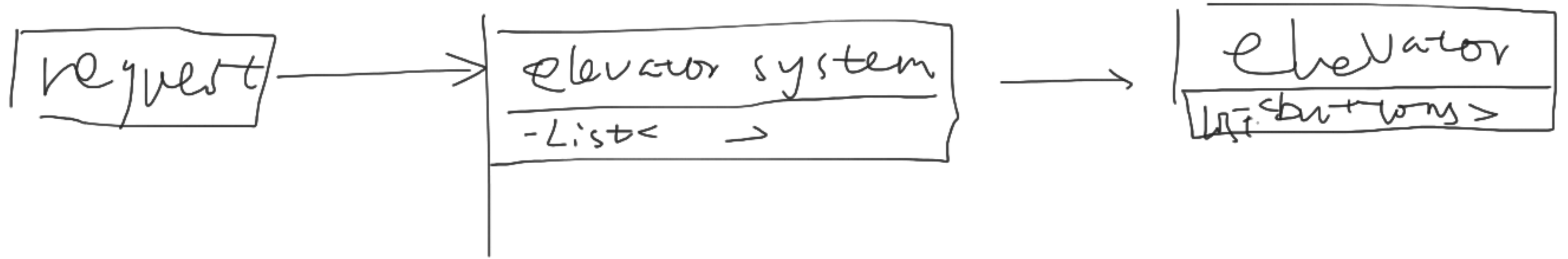
doors

button panel (inside(floor map), outside())

dispatcher

monitoring/alarm

wire-object



use case

elevator system:

- handle request

request: N/A (meta data)

elevator:

- take external request
- take internal request
- open gate/ close gate
- check weight

elevatorButton:

- press button

画类图

Interface

ElevatorSystem

- list<Elevator> elevators

enter

+ void handleRequest(request r)

try:
except:
invalid Except

Elevator

- list< button>

use case

Elevator button

strategy pattern

