

S1

id	name
mobile	email
balance	

C1

title	duration
time	price

C2

title	duration
time	price

OOP
 object → special variable
 → place in memory
 class → Code
 ↙ ↘
 How to Define
 create operations
 object? on
 object

width length
 [] []
 area = width × length
 →

OOP
Rectangle
 width
 length
 --init-- (-, -)
 get-area()



name	weight	height

$$bmi = \frac{weight}{(height/100)^2}$$

< 18.5 Underweight
 < 25 Normal
 < 30 Overweight
 Obese

OOP
Patient

name	weight	height

 --init-- (-, -, -)
 get-bmi()
 get-status()


name	salary	hire-Year

annual-salary = salary × 12
 service-period = 2021 - hire-Year

OOP
Employee
 name
 salary
 hire-Year
 --init-- (-, -, -)
 get-annual-salary()
 get-service-period()

