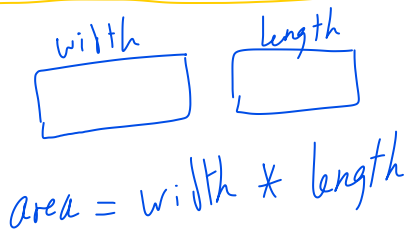


Student

Trainer

Course

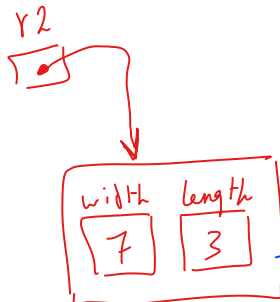
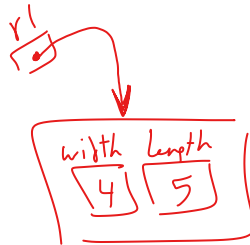


Rectangle

width
length

Rectangle(-, -)

GetArea()



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

< 18.5 Underweight

< 25 Normal

< 30 Overweight

Obese

OOP

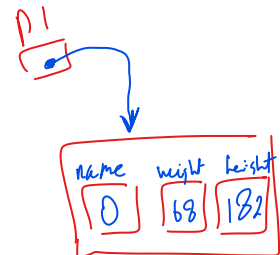
Patient

name
weight
height

Patient(-, -, -)

GetBMI()

GetStatus()



Name Salary hireYear

$annualSalary = salary * 12$
 $servicePeriod = 2022 - hireYear$

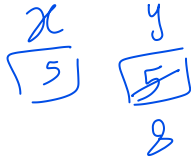
OOP

Employee

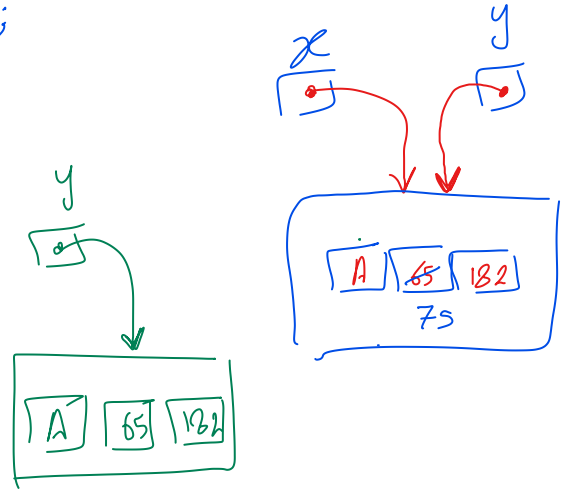
name
 salary
 hireYear

Employee(-, -, -)
 GetAnnualSalary()
 GetServicePeriod()

int x = 5;
 int y ← x;
 y += 3;



Patient x = new Patient("A", 65, 182);
 Patient y ← x;
 y.weight += 10



Name mark FullMark

$Pct = \frac{mark}{FullMark} * 100$

> 85 Excellent
 > 75 V. Good
 > 65 Good
 >= 50 Pass
 — Fail

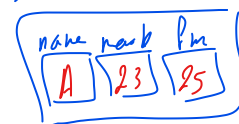
OOP

Student

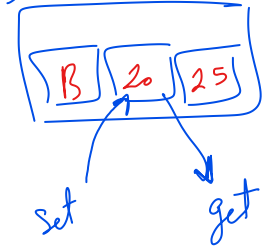
instance variables { Name
 mark
 static variable ← FullMark = 25

Student(-, -)
 GetPCT()
 GetGrade()

S1



S2



Account

name

-balance (get)

annualRate = 0.04

Account(-,-)

Get MonthlyRate() \rightarrow /12

