

HARNAV JINDAL : PM SCALER

Starting at 7:05

GOOD MORNING !

1 month 2 month
Beginner → Intermediate → Advanced

kshibij - Scaler
Head of instructor

CS - ? Counter Strike

→ Java Logical → Good Software Engineer → Good job MAANG
C++, Python, JS

CAR DRIVING

Good driver - KIA SELTOS,
↓ OMNI
Good at driving

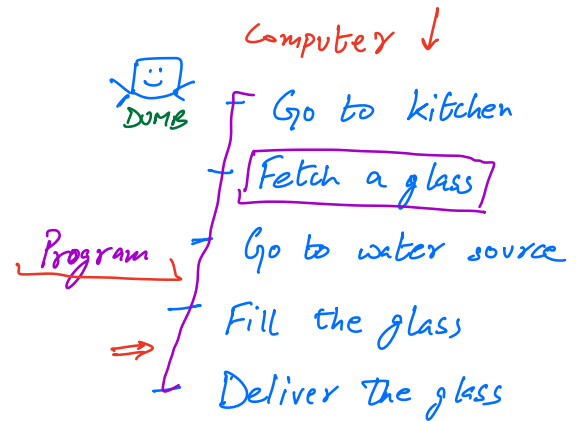
→ PHP JS React Angular
1990 Websites 2020

LEARN COMPUTATIONAL THINKING

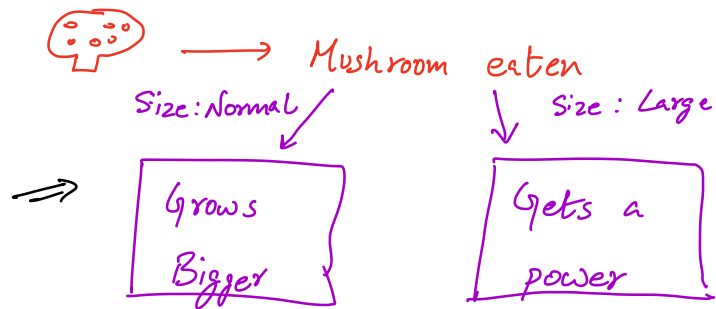
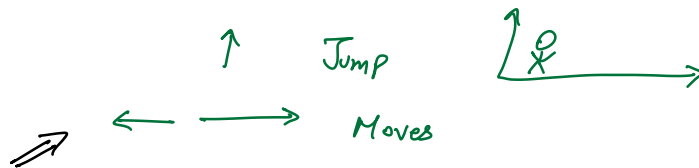
Computer executes ↓ instructions
unambiguous & sequential

Give me glass
of water

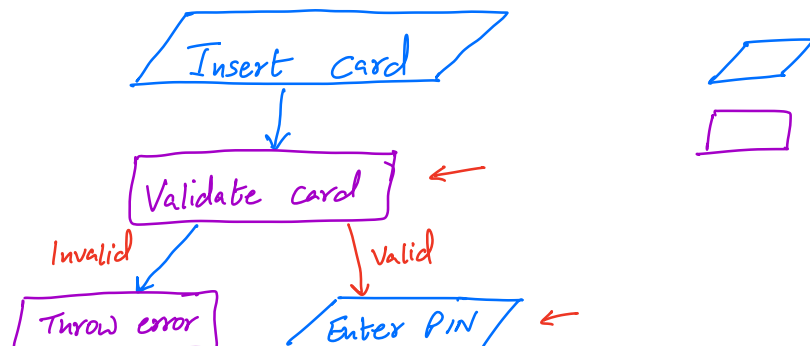
SURE
NO!
GET IT
YOURSELF

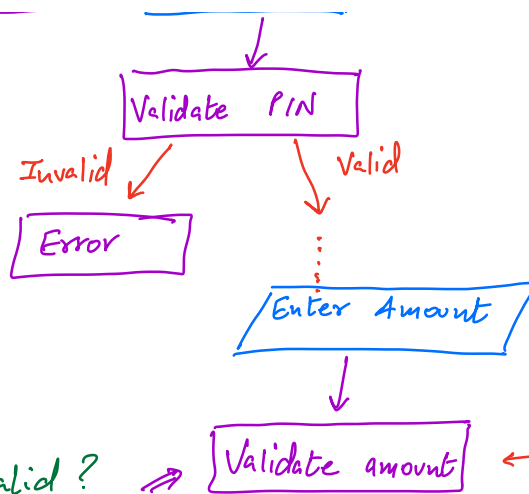


MARIO



ATM





- ① Is the amount valid? \Rightarrow $57 ?$ Multiple of 500 / 100
- ② Is there sufficient balance \rightarrow Balance \geq amount
 \rightarrow Limit \geq amount
- ③ Does the ATM have money

Get Money!



We observed -

- ① Computer is dumb
- ② Computer follows instruction

Why use **computers** over people?

- Fast
- Accurate
- Bored never
- Never tired

Q1 Given 3 boxes with labels

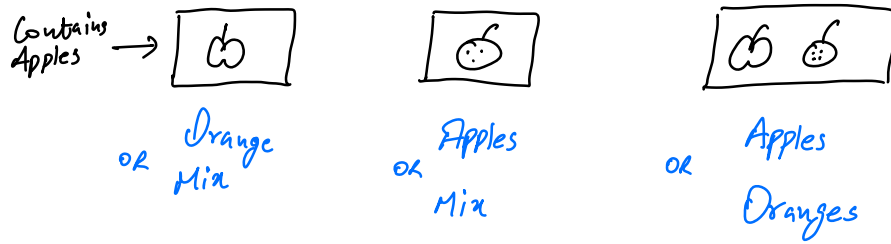
Apples

Oranges

Mix (Apples + Oranges)

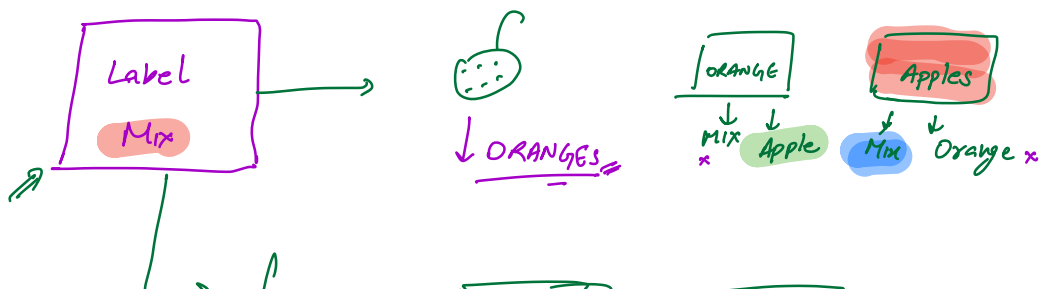
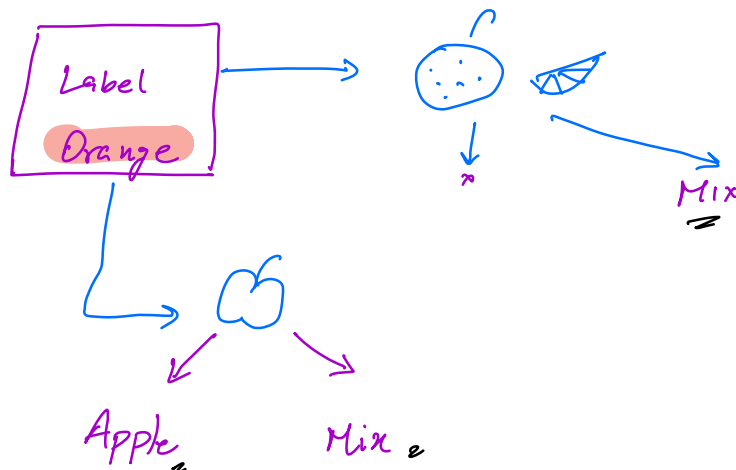
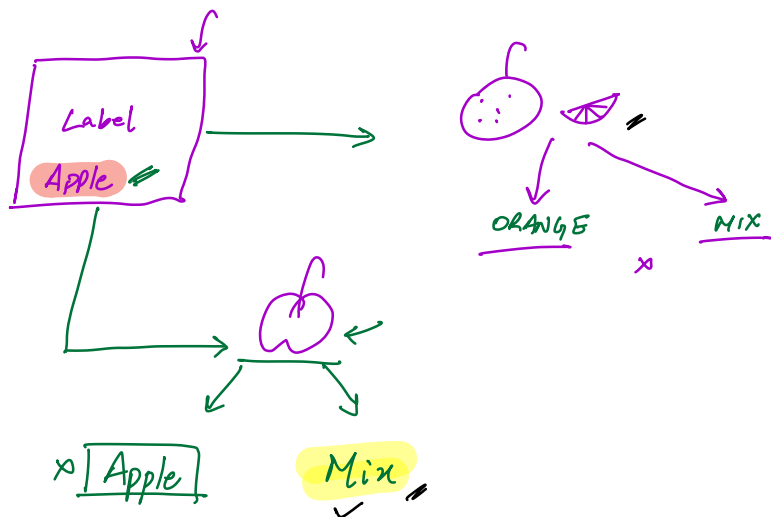
Note: All labels are

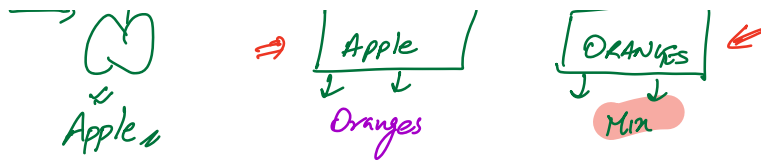
Identify ^{wrong} correct label of each box in min picks (1 fruit per pick)



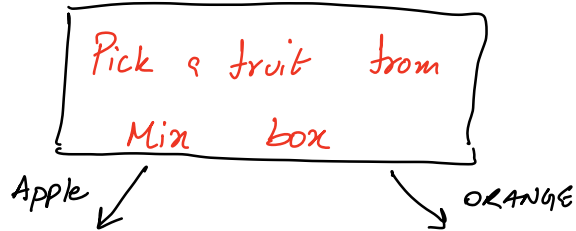
Candidates

- ① 1
- ② 2
- ③ 3





Only 1 \rightarrow Mix box



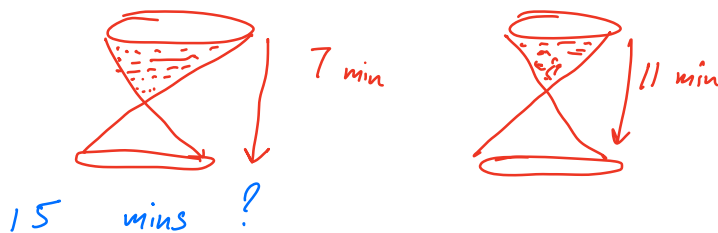
- ① Label of mix box is actually "Apple" ✓
- ② Label box apples as "Oranges"
- ③ Label box oranges as "Mix"

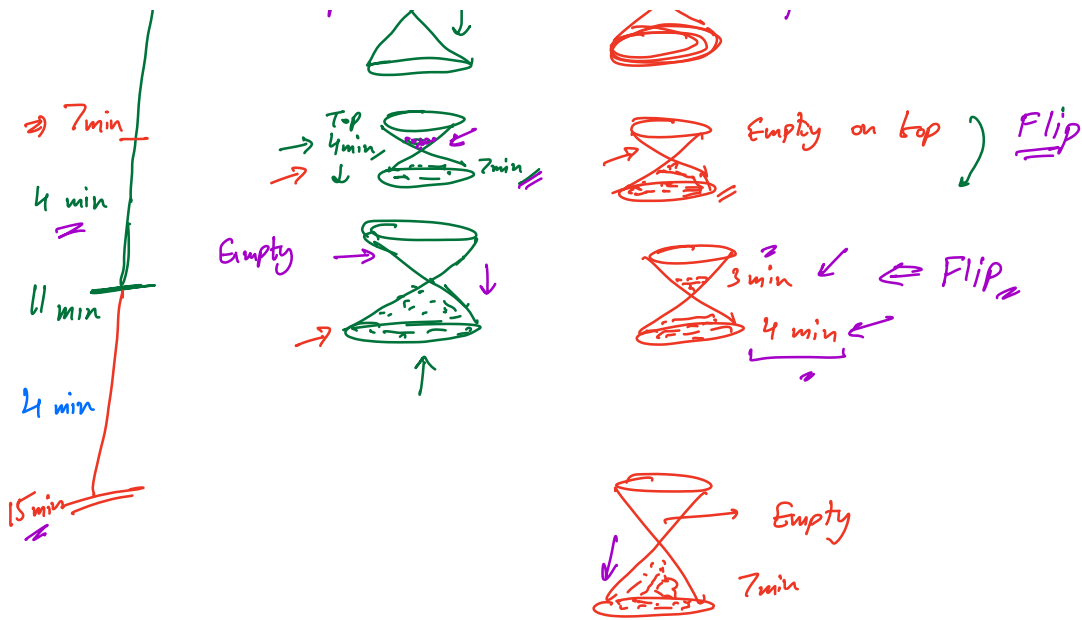
Q2 Given 2 hour glasses

One measures 7 mins

& Other measures 11 mins

Can we measure 15 mins using these two?

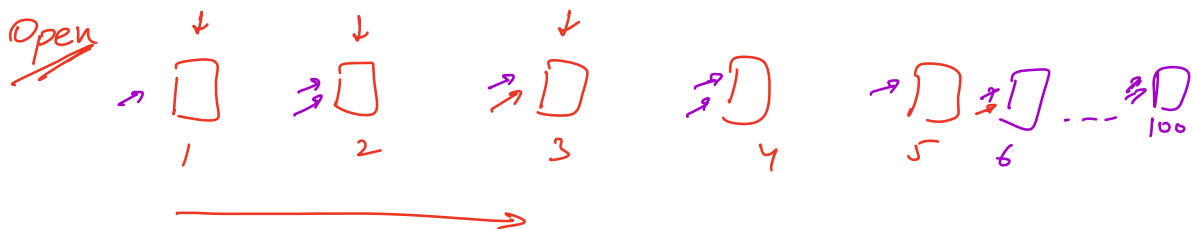




8:45 Break

Doors from 1 to 100

You go from 1 to 100 and change state of multiples of starting door
Which doors closed in the end



Syntax Format of writing code
Grammar

→ Ram eats a fruit ✓
→ A fruit Ram eats x
↓
Gramatically correct

/ V
Ram eats fruit .=
(line of code) ;=

