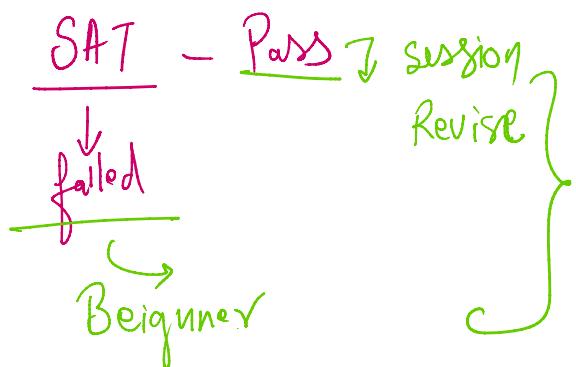


Welcome to world of Programming



Blubat
PLZ
Rejoin.

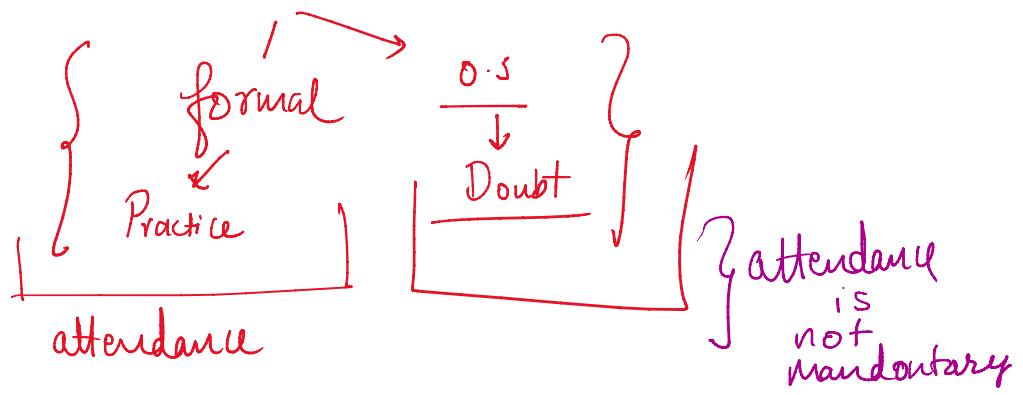
reach out
Support @scaler.com

Programming Proficiency

- Pro }
- Decent }
- Some] 80
- None.] 0

③ Classroom Experience

2 - 2.5 hrs
2 hours

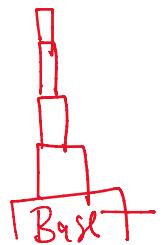


④ Assignments



Problem
solving
Session

⑤ Beginner Curriculum (2 Months)



- Intro
- Data Types, operators
- control Flow
- Loops
- DS (List) (Array)
- Basic Maths
- set/Tuples
- Dict

→ STR

Puzzle

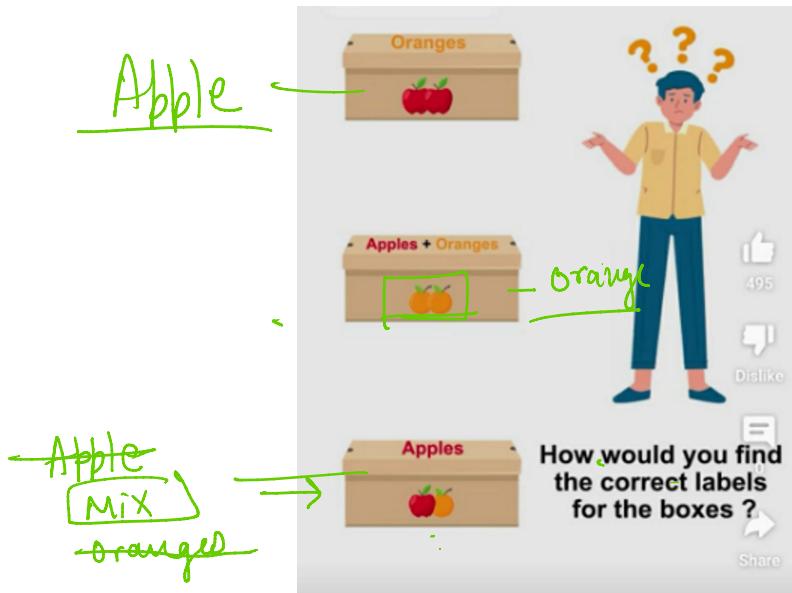
only
Apples

only
oranges

Mix
(A + O)

→ Wrong Labels — 100%.

{ → Pick any box and pick out one fruit



Step 1
→ Mix

No Mix
only one fruit

Apple Orange

A = Apples O = Oranges

Pick a fruit from the basket labelled A + O

Let's say you pick an O. Correct label of this basket is O because it can't be A + O

Boxes we have left are labelled A and O but their correct labels can only be A or A + O

The box labelled A can't be A. So, it's A + O

So, the box labelled O is A

If we pick a fruit from the box, it can be either an orange or an apple.

- say we picked a fruit from box labelled 'mixture'
- 1. If we get an Orange, then the box is 'only oranges', as 'mixture' label is incorrect, 'only apples' is the only other box that could have oranges.
 - The 'only apple' box can have labels, 'only oranges' or 'mixture', since 'only oranges' is already taken and 'only apples' is incorrect, it must be 'mixture'.
- 2. If we get an Apple, then the box is 'only apples', as 'mixture' label is incorrect, 'only oranges' is the only other box that could have apples.
 - The 'only oranges' box can have labels, 'only apples' or 'mixture', since 'only apples' is already taken and 'only oranges' is incorrect, it must be 'mixture'.

Programming

: set of Rules

Topic
Why → Story

Human

- : Brother - Maggie
- ① Boil the water
- ② Maggie
- ③ Masalla
- ④ Wait

Programmed

→ Computer

• Dumb Machine

• Program

• Instruction Properly

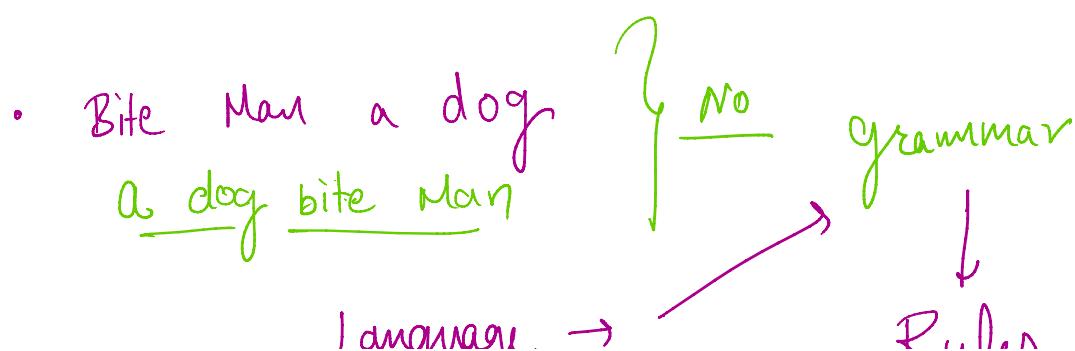
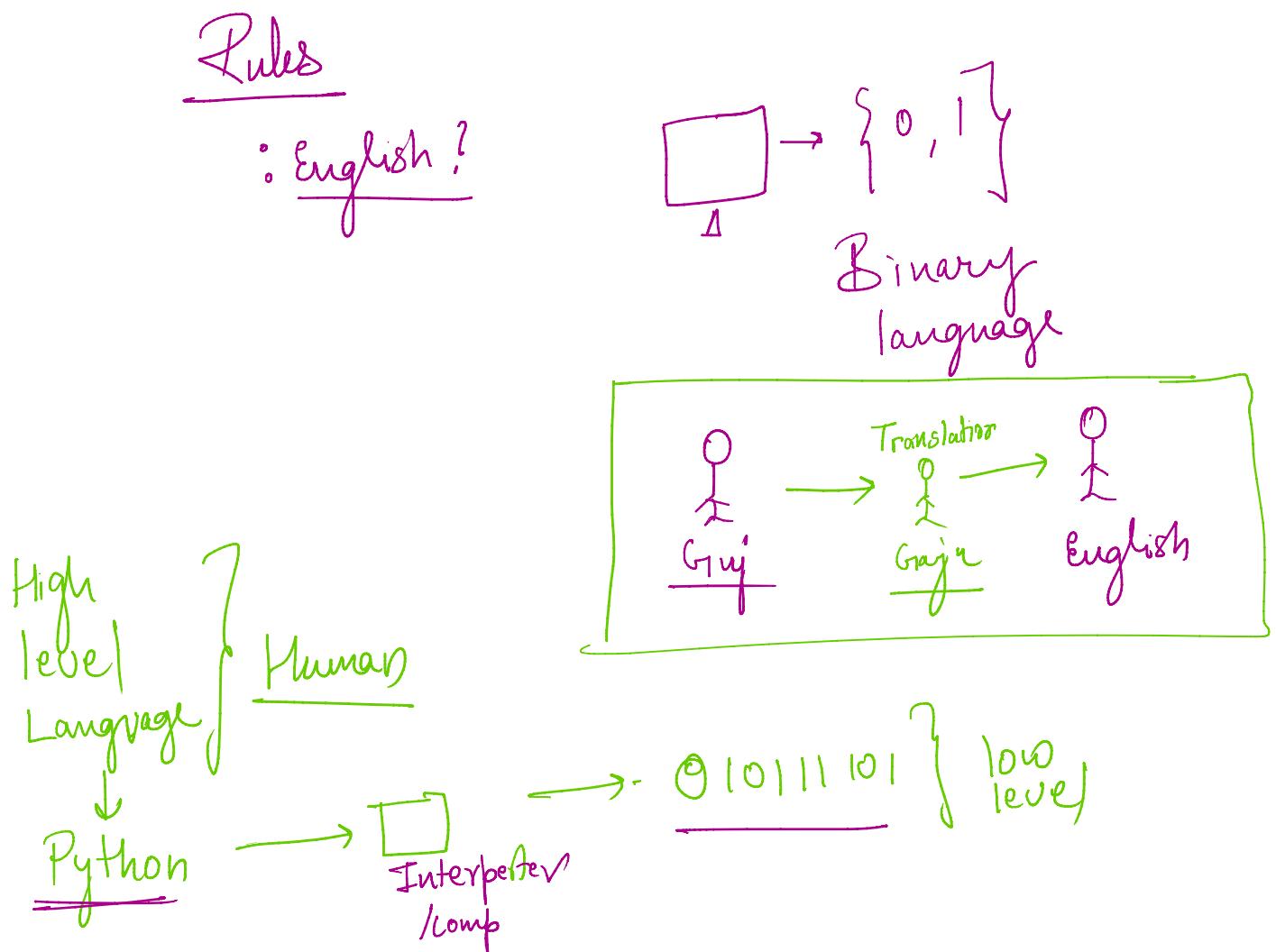
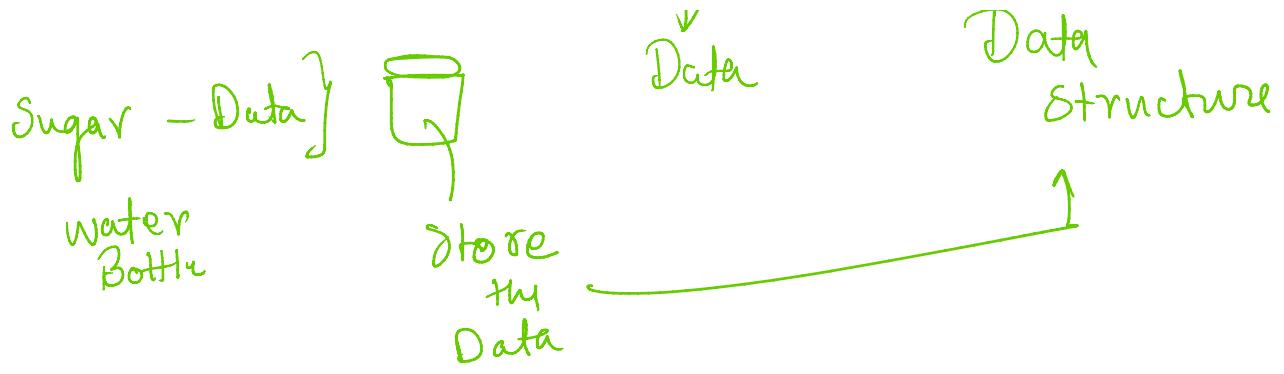
```
switch on stove  
take water  
boil water  
open maggie pocket  
put it on boiling water  
open masala  
put it on boiling water  
wait for 2 mins  
stop the stove
```

From <<https://www.scaler.com/meetings//beginner-introduction-to-python-data-types-14/live?forced=1>>

- ① Boil the water (untensil)
- ② Maggie
- ③ Masalla
- ④ Wait

Data

Data
structure



Language →

Rules
↓
 $S+O$

Python - Rules Syntax

Python

Installed

Install { • Py Editor
 • CMD

{ Jupyter
Visual

{ IDE
Integrated
Development
Environment

Where
you
Code

Doubt

HLL
I

OOP

Blue

Car

HLL
|
Python}

OR

