Beginner Python : Intro Session

Basic guidelines :

i) Ack. Yes/no using thumb
ii) Questions tab
iii) Chat
iv) Send message to only host while answering.
v) Quizzes
vi) Polls.

Session's Time breakup :

2 hours content
+ 15 - 30 mins doubts

Beginner Module FAQs:

1. Class schedule?

    - (M W F) 9-11 PM

2. Language taught ?

   - **Python**

3. Any prerequisites ?

    - None, we start from the scratch

4. Goal of the beginner module ?

    - To make you comfortable with problem solving with python

5. Do we get notes ?

    - Notes will be provided with every class. They can be accessed with the recordings

anytime you want.

Tracks:

=> i) Beginners track   (1 month) => Doesn't have
   ii) Intermediate track,   any idea about
   iii) Advance   programming language/
                                         python ✓✓

Support @ scaler.com

[Instructor](#)

Rahul Janghu

> **Instructor @Scaler**

> **Ex - Lead Python Mentor & Product Engineer @Coding Blocks**

> **Google Code In Mentor**

> **Research Scholar @IIT Kanpur**

> **Worked with various @Startups**

RAHUL. JANGHU @ SCALER.COM

8130326501   Rahul

⇒ **The Legendary fruit vendor:**   (Amazon, Google)

i) Apple
ii) Orange
iii) Mix ⇒ Apple + Oranges   Mix ⇒ Apple + Oranges

Apple	Orange	Mix

↳ Orange, Mix   ↳ Apple, Mix   ↳ Apple, Oranges

i) The labelling is done wrong.
ii) In 1 pick you take out 1 fruit

Q ⇒ Find correct labelling in min^m attempts

⇒ Single attempt?

Sol^n :

Apple

↳ Orange Mix

Apple   Oranges

Apple → mix

Orange → only oranges

⇒ Ambiguity.

Mix

↳ Apple, Oranges

→ Apple

Orange

i) → Apple → |max| ⇒ (Apple) ✓✓

→ [Orange] — Apple ✗
                 (mix)

→ [Apple] → Oranges

Orange |max| ⇒ Orange

→ [apple] → Orange ✗
            → mix ✓

→ [Orange] ⇒ Apple
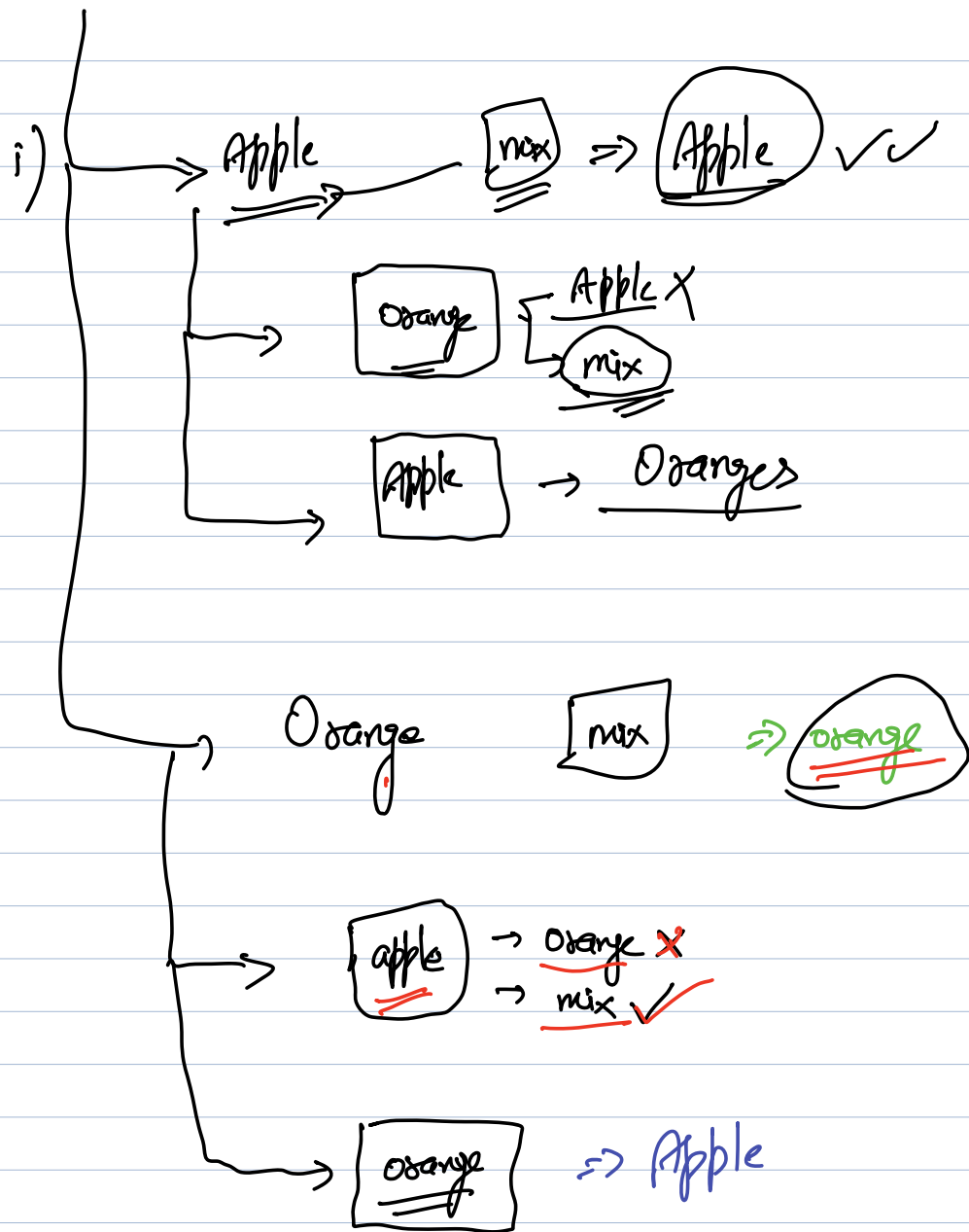
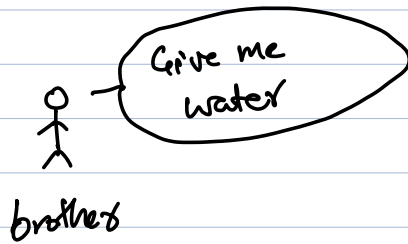## Beginner Module:

i) Fundementals
ii) Control statements (if - else)
iii) Control Statements - loops
iv) Pattern problem
v) Functions
vi) Lists / Arrays
vii) Tuples
viii) 2D Lists
ix) Strings
x) OOPS Basics

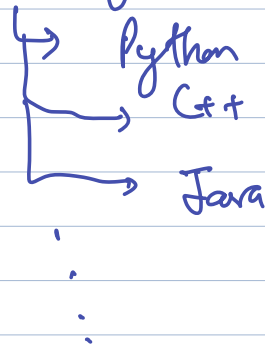5 min Break + Doubts

⇒ Why do we need programming languages ?

Give me water

brother

i) Go to kitchen
ii) Pick a glass
iii) fill it
iv) Bring Back

Computers are dumb machine ?

Human languge : English , Hindi, urdu ... som

Programming languages :

→ Python
→ C++
→ Java

↳ Text editor : Notepad

↳ Ide ⇒ tools to write programs.

Grammar ⟷ Syntax

⇒ Ram is eating a fruit ✓✓

⇒ Eating Ram fruit is a ××

A
Delhi

B
Bangalore
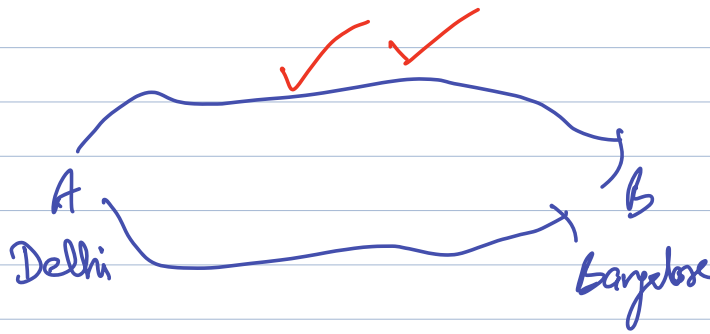
6, 7 times

i) Google maps
ii) follow sign Board
iii) People

i) Google
ii) Instructor
iii) TAs
iv) fellow / Slack

Practice makes one perfect?

ide.new   →   Scalez'18 ide.