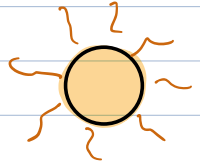
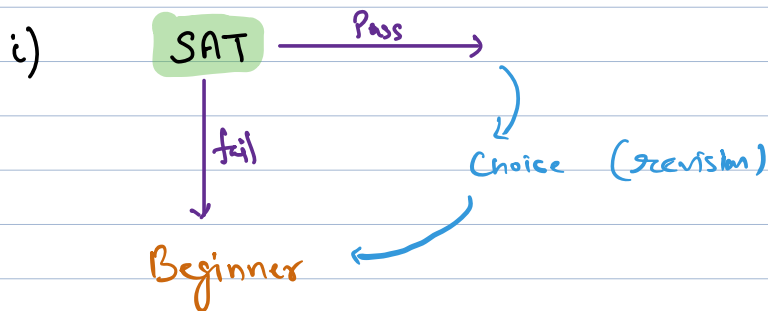


INTRODUCTION to ✓ ✓ ✓ PYTHON :



Agenda :

- ↳ Goal setting
- ↳ Syllabus
- ↳ Notes / code
- ↳ Puzzle
- ↳ Some introductory code



ii) Programming efficiency :

Python	Programming
x	x
✓	✓
x	✓

Pro	0	
decent	25	
Same	30	} 75
None	45	

iii) Classroom Experience :

- ↳ 2 hours (formal content)
- ↳ Doubts session (30 mins)
- ↳ Rec (Attendance given)
- ↳ Notes / Code
- ↳ 8-10 mins

iv) Beginner's Curriculum :

- i) Intro to python
- ii) Data types
- iii) Operators
- iv) Control Statements
- v) Loops
- vi) Maths
- vii) Pattern printing
- viii) functions
- ix) Lists
- x) Strings
- xi) Sets / tuples
- xii) Dictionary

Duration :

Complete Beginner

(2 months)

Refresher

(1 month)

(support@scaler.com)

test

Pass

Intermediate

(advance python + DSA)

iv) Problem Solving :

This seems too basic

This seems too complex

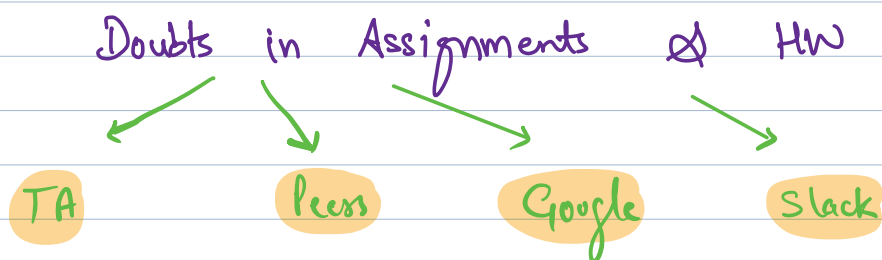
- i) Assignments
- ii) Homework

A
7

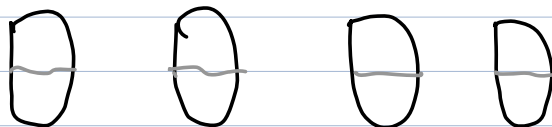
HW
3

PSP $\Rightarrow 100\%$

PSP $\Rightarrow 7+3$



Puzzle :



2 \Rightarrow A Type

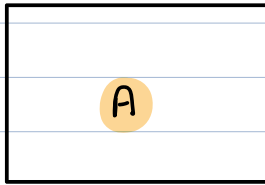
, 2 \Rightarrow B type

Apple / Oranges :

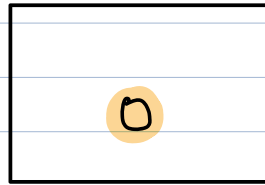
↳ 3 boxes

↳ Only Apple, Only Oranges, Mix (A+O)

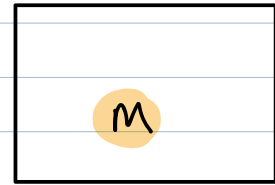
↳ Labelling on each of the boxes is wrong.



O / M



A / M



A / O

↳ Pick a fruit from one of these boxes and label all of them correctly

M → A / O

M → A / O

A → O / M

A → O / M

O → M / A

O → A / M

⇒ Is computer : Dumb / Intelligent

- Go to kitchen
- pick a glass
- fill glass with drinking water
- fetch it to you

↳ step by step instructions
known as Code / Computer program

→ Language : Interactⁿ

→ Programming Language :

- Python
- Java
- C++
- ⋮

⇒ IDE : Integrated Development Environment

↳ Jupyter lab / Google colab

⇒ i) Ram is eating mango.

ii) Mango eating is Ram.

Set of rules ⇒ Grammar

Set of rules of program. lang. ⇒ Syntax