17 Aug 2025

Python

1. How to Store

2. Conditionals

3. Repition

4. Base problem ←

VISHWAS SINGH
PROGRAMME LEADER

E EMERITUS
Learn. From the world's best.

Python Functional Programming Language

Problem

Sub Problem 1
(function1)

Sub Problem 2
(function2)

VISHWAS SINGH
PROGRAMME LEADER

E EMERITUS
Learn. From the world's best.
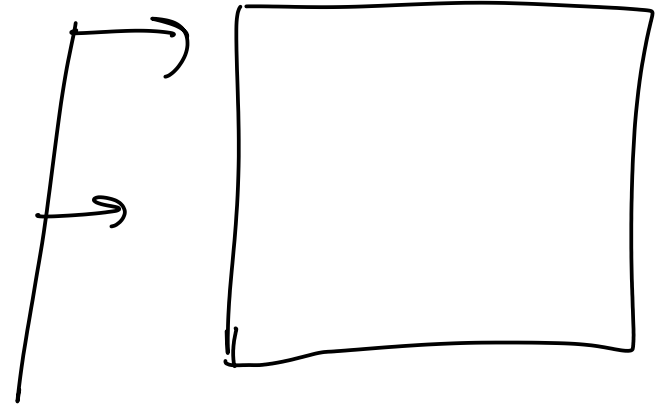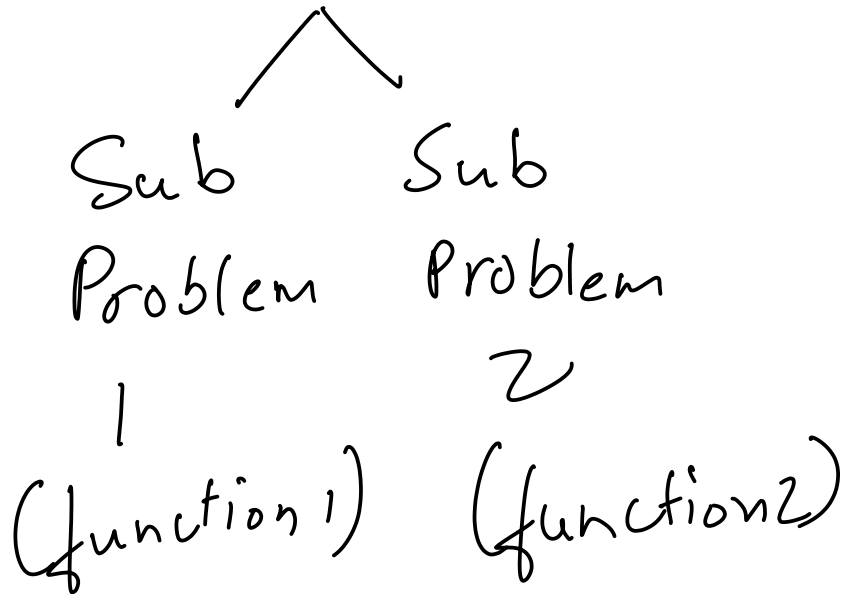
Scripting language
Interpreted language

Dynamically typed language

Open Source

Python

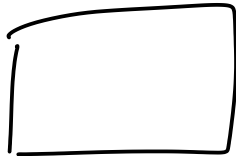Where is it
run

What can be done
$\downarrow$

General purpose

$\rightarrow$ System apps $\rightarrow$ processing

$\rightarrow$ Servers

JS $\longrightarrow$ browser

nodejs

Java, C

WoRA

Python → Simple_interst.py

Win   lin   Mac

VISHWAS SINGH
PROGRAMME LEADER

E EMERITUS
Learn. From the world's best.
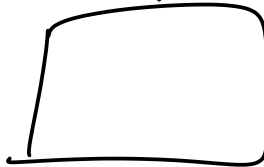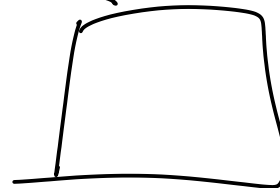
Huge libraries

Computing
↑ Python
base
[C → efficient]

Python 3·x ⊤
‖ ↓
Python 2

3.9...3.11...3.19

VISHWAS SINGH
PROGRAMME LEADER

E EMERITUS
Learn. From the world's best.

input $\longrightarrow$ [inter preter] $\longrightarrow$ output

3 ways $\rightarrow$ [interpreter   texteditor]
                                              $\downarrow$

IDLE   IDE   Notepad
                  Pycharm   Spyder   Sublime
                  Jupyter notebook   atom
                  Anaconda   VS code
                                             Vim