

THE COLUMN THE PARTY OF THE PAR *Why Python?
Data Science / AI / Gren AI, OPython provides ecosystem for working in there field.

OPython is very easy.

OPython is very flexible. We can work in various field like web-dev, game-dev, block-chain etc., data analysys etc How? Programming languages need their respective runtime so that it can be used in the computer system.

For this, you need to install "Python" Terminal -7 CLI * To check if pythen is inetalled python 7 -> Pythan CLI (command line interface) python 3] >>> print ("Hello World!") IDE - Integrated development environment 1 Syntax suggestion Advantages

(1) Warning

(3) Better project structure & access IDEs

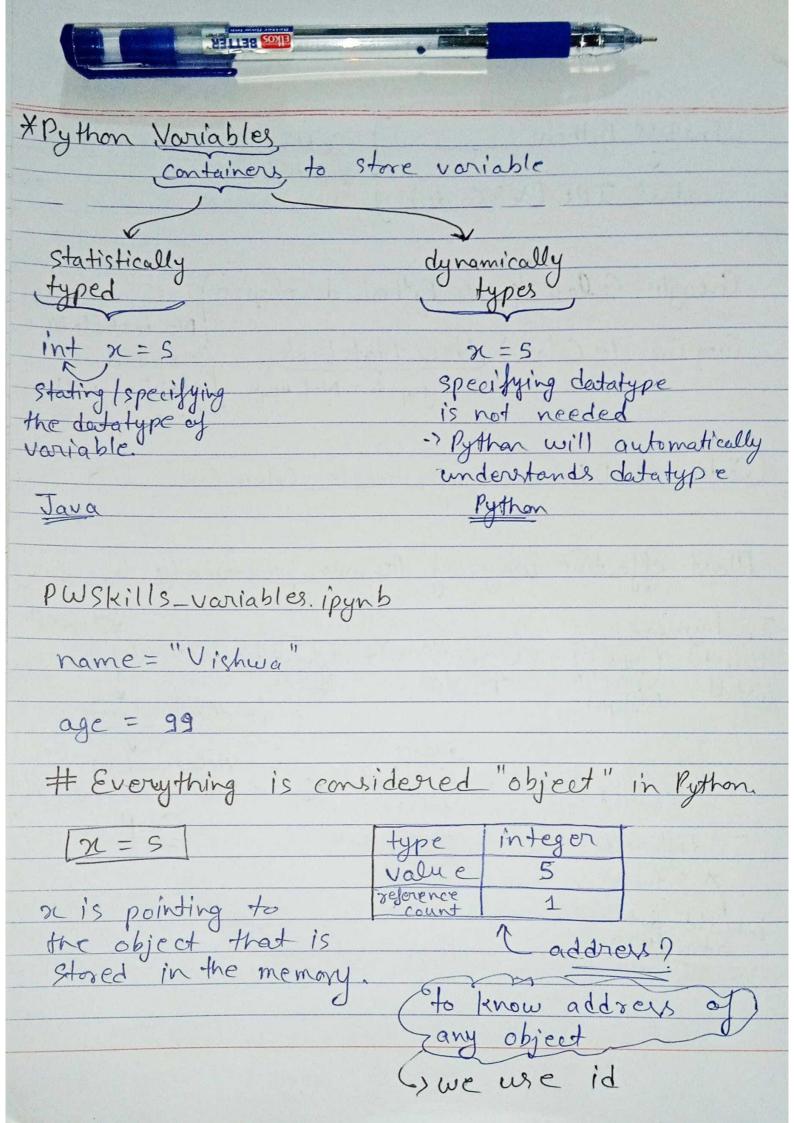
Install VS code for your system.

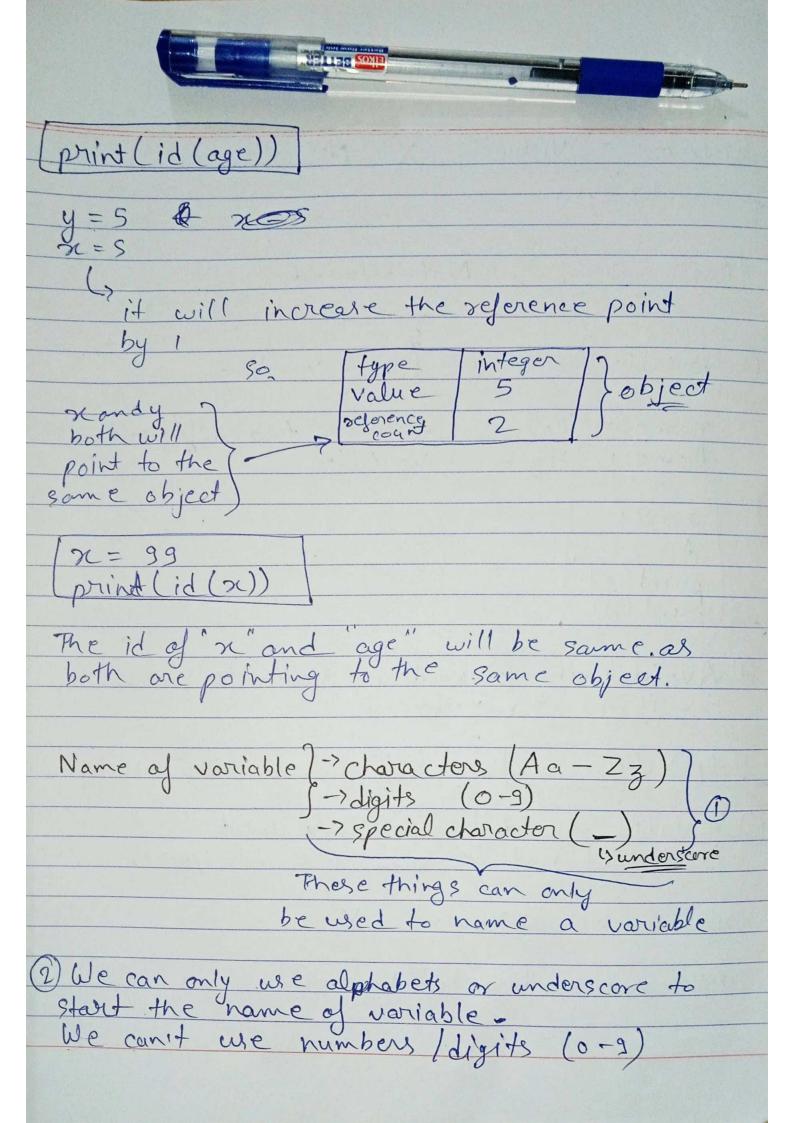
Install Python

I setting

Suntine

Install IDE (VS Code) Servisonment Groogle Colab } for Python developer) No installations Google Colab) New Notebook needed storing will be easy. Jupiter Notebook (Coding will be done in Google Colab from now) Most effective way of learning programming languages? In humang! > (conditionals)-> (cops) > (comparisons) (Birth) (Type of people) operators fundancusability) overcome Relationships real-world interaction world mistaless/ exception -> different hendler 1 Situation inbuild data structura







nav.me = "Vishwa" X Not allowed
Syntax error

[Tage = 99] X Not allowed.

3 Variable names are case-sensitive

Name = "Ram" } both are two different Name = "Shyam I variables

a = 21 A = 22 => 21
print(a) 22
print(A)

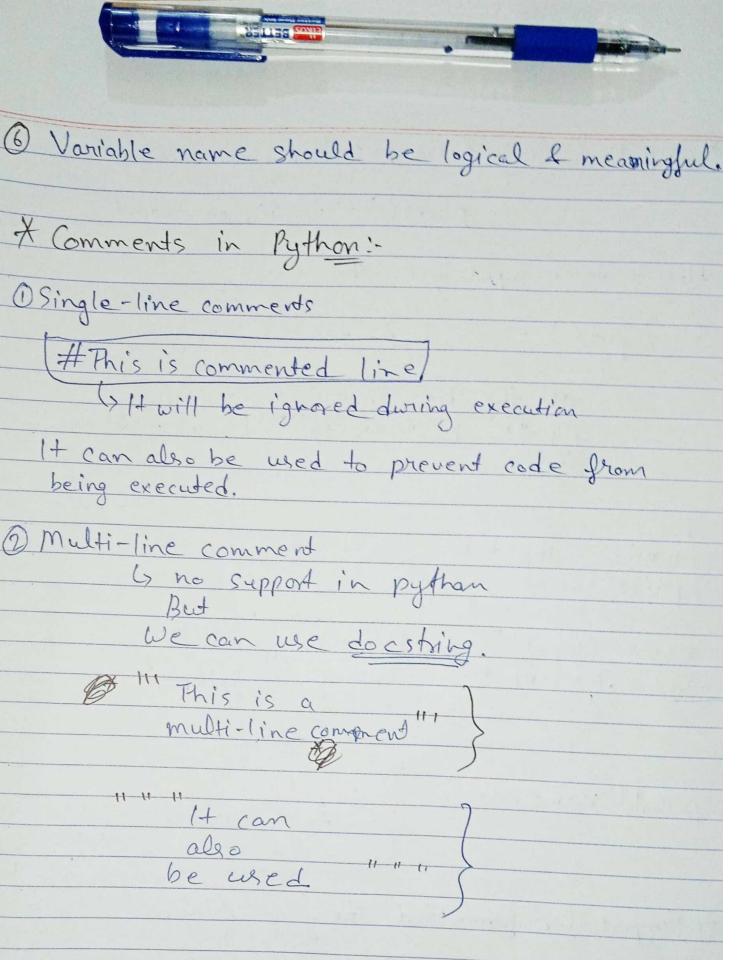
4) Avoid using keywords in Variable name, Eg:- if for - not allowed

[help > key words] -> list of keywords in Python

1 Variable should be a single word 1+ should not be separated by space.

my name = "Vighwa" X

my-name = "Vishwa"



* Input & Output in python:
print() -7 to display output
How to take input from the user?
(> input() -> used to take input from user
all the data that is given using input() method will is treated as String.
(name = input) print(name)
name = input ("Enter name") age = int (input ("Enter age")) input (Scenverts string into int)
print (name, age) } output (multiple arguments (separated by comma (,).)
Support for formatted string in Python
print (f' My name is {name} and age is Eage 3")

print ("Hello", end = "") To stop changing print ("World", end = "") To stop changing print ("!"