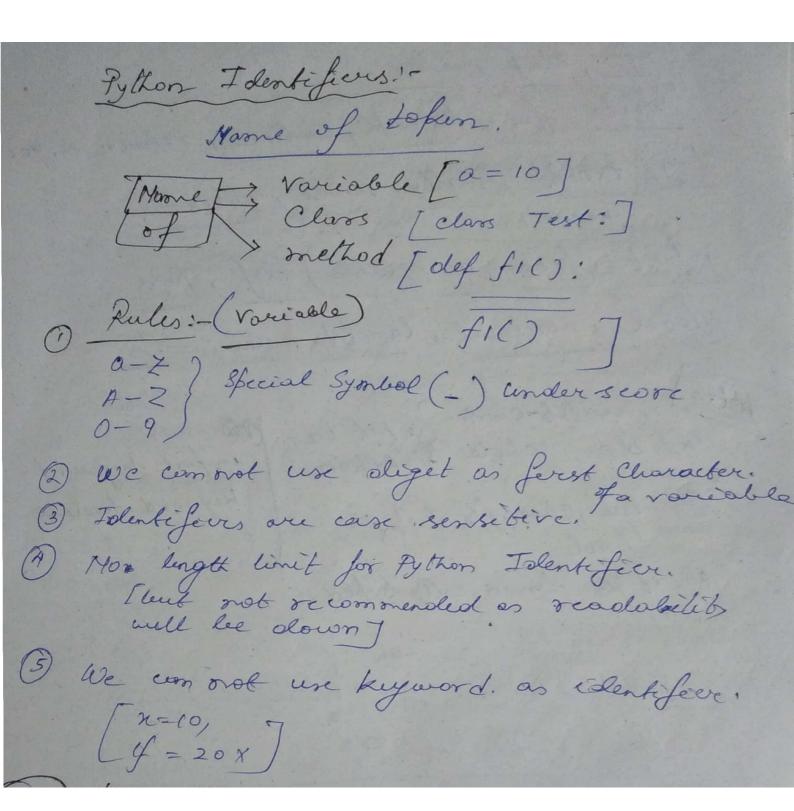
Introduction to Python:-Object oriented, high level programming language. language. we can use Python for any type of application happily like desktop application, web offlication (amerapplication), any type of software drebøpnent, data Science applications, AI, machine leavining offlication etc. for these reason Python is known as General Purpose Language. Coby Python is famous:-As it is high-level, so it is programmer forcently means the program is very easy to renderstand.

It is most easy and simple in compared 20 C, C++ and JAVA.

what about the name Python: Pothon is not a snake. The maone 'Python' originated from the Jamous Comedy Serial Monty Monty Atton flying Cincus Actually Guido Van Rosseem the originator of Python Language was the form of British Commedy MITV Sevial Monty Python's Carcus "1969-1979)
Monty Python flying Gircus" So he kift the code [Python] when he finished writing the Code. In 1989 Python was developed by buido van Rossum when he was wonking at National Research Institute (MRI) in Methorland. But the Official release date of tython is on 20th Feb 1991. whereas JAVA was released on 1995 and Officially released on 1996. So . Extron neus dereloped before JAVA.

(why Python become popular) For current morket. requirement it is most suitable language 1) Simple Languag & carry to undvisioner 2) Vvey less Coole / Consise Code. 3 AI, ML, DL, Mental Metwork (NM) Data Science. @ IOT Application. 3 Desktop Application (Colcular program) (6) Web offlications (Comail applications (2) Client - Server opplication flipearl com chie) related Metework opplication. (8) Grames Development [Confances - Using Potton] (roogle, Joubube, Droflex, Facebook, inslagram, Net Ker, Nokia, IBM etc. Python is a All vounder programing Language Extren supports all features of 1) Fonckonal programming language like (c) 3 Object Oriented programming Language Wa (C++) JAVA) 3 Scripting Language (port, Mell script) (4) Moderlar programming features from Modulars. Then suffert or engoy all the programming paradigm

[Python Factures] O Simple and cary to leaven. @ Freeware and ofen source 3) tigt level programming langerage 4) Platform indefendent (3) Portability (6) Dynamically typed 3 Both procedere oriented and Object oriented. (3) Interprebed. (9 Extensible. (10) Eonbeded. (1) Extensive library. Limitations of Python: @ Python Library sufforts (ML) Machine Leaving + [orworfy, flander, mot plot bail-1) Mobile opplication 7 (Worst caséer) Library does not suffort much more. (Arrdroid, Cosslaing che) 2) Enterfrise application! - (worst choice) Borking application, mag revices, Telecom opplications, fund fransfer etc. (Library closs not suffort much more) Perform (3) Performance is low (It is interested) [Pyto] 7 (JIT Compiler: + PVM) + tiython for speed.



Resurred Words: - [keyldords (33) Three offer can [True, False, Mone]
forst letter and, or, not, is if , elef, else while for, break, continue, return, in, yell bry, except finally, roise, arsert infort por , as , class, def, pars global, nonlowl, lambda, del, with. Holas suitch-care of not in Bython imfort keyword Keyword . Kwlest Dool, ----]X as it is dynamically triped

Python is a Dynamically Typeal Palortypes 2programming language) Java Statecalle typed Pry Lang. 10 > (int) int a = 10; 17-57 7 (floot) float f = 12.75f; True > (boolean) 1 0=10 type (a) In Python byfe concept is officable clars Lint but we are not required to declare explicitely. Inbuild Datatype: - (14 blatatypes) int flood (leoolean) set frozenset bool Complex str. Gite lyte array Object Python 4s Everything type(a) Three on levilt id (a) function used print (a) in sython 2-

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