

	Page No.
•	Simple python program using jupyter
1];	print ("Hello Kikan") This is code
1	Hello Kikan
	The second of the second
•	using another method (Markdown)
	This is my first month oprogram
	we can print the words in paragrap
	structure we use the [Raw]
	Hello, Good evening
	my name is Kitan
	without (Raw) the sentence will displ
	ay in single 2000.
,	
*	Comments.
	THE THE SYCAL WY YES LINGTON TO
	This are the part of code but won't
	execute at sontime.
	dissintent english of your short the
	There are two types:
•	Single line Comment [# Kidan Mode].
•	Multi line comment [" Kisan" 08"""
	Trobe """

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\* Keywords : This are reserved words used for pasticulat task and we cannot use these words are identifiers (variable name of function name). def, It, Else, fob, Tave, False ... etc Input Output Functions: Print (" How are your") # olp function how are you & We take input from the users # my name is Kitan, I am from Kadnataka n= input ( Entet yout name ) P= input ("Enter your place") # general printing statement print ("My name is "IT am from Enter your name Kisan Enter your place | Karnafaka) My Name is Kitan, I am from Katnataka

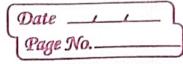
	 _
No	
	 No

	Page No
	Ne can use altetrative methods
	The state of the s
0	# · fotmate method
	print ("My name isty, I am Itomey". ofot
	mat (n,p) tom
012	My name is Kiban I I am Hom Ketnataka
	THE EXPONENT FOR CHARGE THE
0	# & String Method [It is used comman]
34	"is python J de la
	print (f" My name is dny, I am from 2P4")
018	My name is Kitan, I am from Katnataka
1/ / 6	Simple number display
	nom 2165 1 1 1/200 et 1 12000
1314	print (nom) # 15
× 4	constant white production is a
*	variable:
	It is a place to stoke the values
	with specific vatiable name.
1	engrancy provided sext contained
•	valid vatiable declatation:
	A=15 West Nom1=1
-	b=19 NUM2=15
	nom = 123 - sub-matks = 24
	Stu-same = 'Kitas'

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Invalid vatiable declatation: 1 Nom = 78 0@ name \$ = "Kitan" 0 5to id = 1234 Hlos 01) What is python and why is it called an interpreted language & => Python is a high level, general put bose brodrawwind lavanade Nuomu for its clear syntax and readability It is couled an Interpreted language because its code is executed lineby - line by an interpreter at juntime But when the fitst line is extor than stop execution and throwth e exxox in the which line. 02) what are the key features of py - than that make it populat for be - ginners and professionals & · Easy to leater & Read · Vetgatile and Genetal - Putpose

Extensive Libbabies



	11132 310
	Large and active community
	CXOSS Plat form
-	Dynamically Typed
1,	y who code to go discosion and do do
	The python is very popular to beg
	inners and professionals because the
7.1	its syntax is clean and easy to und
	exstand in English language. It can
	use in the anything like web deve
_	lopment, data science, AI, automal
	ion and mote. Python has hoge collec
	tion of pre-written code (libtat
_	ies and frameworks). Python can tun
	any platform link windows, macos,
ein	linux any othe Os. You don't need
	to declare variable types, making
- J	code shotted and fasted to white.
1 -	o grander expenses existly existly to describe
3)	What is difference between python
0 1	2 and python 3 &
12° 1	I + V = 1808 JET V DE THE I OF PIGT SATER
	Python 3 is the latest and present
1	and future of the language, Pathon
	2 is created by the Beopen python

Labs team

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1 6	Python 2 Python 3
	ASCII used for unicode used for
	string type. String chape.
9	Print is a speci print () is a built
0 4 P.	at statement bath in function in pytho:
1	ex than a function 3.6.
	Inter d'uision by . It is true d'uis
P 11 +	default truncation l'on, returning a
226	9 the fractional float 712 = 3.5
or english	past 7(2 = 3.00 /00 /000 /000
	bank and nook ? Surice ran TEST
04)	what are python's applications in
my ro	real - world projects &
. Proce	wereta'un telle yill trig youat.
	web development: Using frame works
miller	like Django and Flask.
	Data Science and Analytics: Using
	libbabies like Pandas, Nompy and
000	mat plot l'ib: 1989 7 1 1 1 1 1 1
	ML and AI ; Using powerful frame
	works like Tensor flow, SIS leato
14 K. A.	Automation and scripting: Whiting
r 1 - 7 1 - 9	scripts to automate repetitive tasks.
27 T. 1 + H /	SIW Development: As a supporting lang

vage for build contral, testing, and

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management. scientific and Numetic Computing: In fields like biology, astronomy, and p hysics. 05) What is PEP 8 & why is it important in bathon bgodgamming g => PEP 8 is the official style Guide for python code. PED stands for "Python" Enhancement Proposal". It is important because: · Readability: It promotes a consister. - + coding style, making code easiet to read and understand for everyone. · Maintainability : Consistent code is easiet to maintain and modify. · Community Standard : Following PEP8 is a sign of a pto fessional progtan - mes and helps you integlate seamless - 14 into the python community. It covers conventions for indentation l'ine length, variable and comments.

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who developed python and in which 061 year was it released & Pathon was developed by Guido Way Rossum. Its first delease was in 1991 what do you mean by "dynamically 07) typed "in Python & It means that the type of Vadiable - e (e.g., integet, string, list) is che Ked at sontime, not in advance. 400 don't need to delate the vasiable type; the interpreter infers it based on the value you assign. This is flexible but requites the programmed to be careful, as type related ettots will only appead who n the code is executed. what is the difference between a 180 compiler and an interpreter, and wh ich does python use & · (compiled : Translates the entite sous - ce code into machine code au at

	1,000	Lage No.
		once before execution.
	o	Interpreter: Translates and executes
		the soutce code line-by-line at tunti
		w6
		which does python use : This is a com
		mon point of confusion. Python uses po
		th, but it is primatily considered an
		e terested language.
	1.	To suffer and a is first compiled into
		as intermediate paterode l'orge till.
	2.	This buterade is other executed by me
		python vistual machine (PV19), which
, , , , , , , , , , , , , , , , , , ,		is an interpreter.
272 2		
1986		