

## Samuel Filippe Technological Institute VIDISHA (M.P.) Sch. No. 327.26 Year 1st year 2nd fen. Date 31/09/2021

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	0-1 1.11+ d 1-1-stad b. Adtums in
	Q=1 What do understand by Interiore in Computer Science and how con you categorise
	Computer Deserte and now can you vougo use
, , , , l	the software?
$\sim$	Are = 1 to Computer Science, Software refere to
	a Collection of programs, data, and instructions
1	that early a computer system to perform
	specific tasks or functions at a compress of
	the interible components of a computer
\	the intensible components of a computer system system, device driving system, and more System,
)	system including springers of Coltage
and the same	demo armera intimies and marco
4	is a crucial component that allows usons to
anning.	interest with and utilize the Capabilities of
dhaana.	horduare
	Strone can be categorized into several types based on defigerent contenia
	Strong can be categorized into several types
"mmmm"	back on dellerent conteria
ZZ	1) System Softmore -> System softmore provides
$\bigcup_{i\in I} I_i$	1) system some and
	Contitor hardwares resources the
	nan managas ma
$(\Lambda)$	method sporting
	Linux), deuce deruers, formuse, and
	I utility porgonne leg duk utilitée,
MAHAKAL Stationery	dystem diagnostic tools) PAGE 1 0
SHERPURA 9907028941	PAGE ात्वर भारत, स्वस्थ भारत
	11.

2) Application Seturore - Application Seturore refers
to programs designed to perform specific
take or provide functionality to were includes a rude range of Software such as
includes a rude range of Software such as nel broners, media players, database management D=2 Write fine fantreures of Python that Arris 1) Edy-to Read Synton Python has a simple and modable synton making it accorded for beginners and experienced programmers 2) Clear and Expressive Code - Python emphouses
clear and sorrege Code. 3) Exterine stordard library - Python Comes with a root collection of modules and function for vorious y) Dynamic Typing and Automatic Memory

Management, Python also automatically

determines variable type and handles men

PAG

management



## Samuel Ashols Technological Instit

VIDISHA (M.P.) Sch. No. 32726
Year Let year 2nd Scm. Date 31/05/2023

2	I lorge and Supportine Community - Puthon has a
	lorge and Supportine Community - Python has a lorge Community to support the different
<b></b>	streams and field because python has very
	etresme and field because python has very fort programing language.
<b></b>	
ļ	
6	1-3 List the Various sugarical data the is
	9-3 list the Various numerical data type in
<b></b>	
	Ars=3 1) Integer (int): It represents whole numbers, position or regalise millionit any decimal point.
-	numbers position or regalise suthout any
	decimal fraint
-	
-	ex- x=10
1	
1	2) Float: It respresent real numbers with a
	decimal fart.
-	
	ez - 0 = 3:14
	6
	3) Complex: At Molaconti along: 110 1.
;	of a+bi where a and b are libete
	and represent the imaginary unil PAGE
	।।स्वच्छ भारत, स्वस्था भारता।

in logical sperations ore used represent decima inhort Decimal 3.14 159 e outh or the following expression rum = 5>4  $3)_{\mathbf{p}}$ 



## Samus Files Technological Institute VIDISHA (M.P.) Sen H.

VIDISHA (M.P.)	Name Bronjot Thatra Sch No. 32726 Year Dt year 2 Jan Date 31/05/23

_	
$\int \int \int \int dt  dt$	1) print (18:/6)
2)	Output: 0
D	2) th 12+5"9==183.
	Output : No original ! there is no print eletement
and the same	1 ('7To')
Y	3) print ('ITC"+101)
(many	output: Error: Type Error.
-	4) hum = 5>4
	print ('true")
1	print (num)
	elee:
	print ("false")
	output: true
7	True
$ \vee$ $_{ m j}$	
	Q=5 1) Let rum 1 and rum 2 be tuo non-
- North-	will will
V.	append the lot element of runes to the sol
MAUAN	of nums 1
MAHAK Station	the of the trulable and tuble is immutable. Turtiby of
9907026	The stolement with example PAGE

the end of numer in Lython, we can we the append I method:
ex: nurst append (nurse [-1])
ii) lite are mutable in Python-
Example to demonibate mulability of liste -  my_list = [ 1, 2, 3]  my_list [ 0] = 10  print (my_list)
· tubbles are inmutable -
Example to demonstrate immulability of tuples:
my tuple = (1,2,3) my tuple [0] = 10
O/P > Type Ervior.  PAGE 6 9
Heaten Hista cates success