

② python 2 vs python 3

python 2	python 3
(i) print function brackets optional (print "manish")	print() function brackets compulsory [print("manish")]
(ii) Division of integers always returns integer $\Rightarrow 5/2 = 2$	Division of integers may result in float $\Rightarrow 5/2 = 2.5$
(iii) range() and xrange()	only range() function

③ call by value call by Reference

(i) Call by value - A copy of Actual Argument is passed to respective formal Arguments

Both types of Parameters are stored in different locations.

" Any CHANGES inside function are not reflected in Actual parameter or call

MAY 2024

MT	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

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Call by Reference \Rightarrow Both Actual and
formal parameters refer to
Same location And any changes made
are reflected in actual parameters of
calls

MAY - 2024

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WK 15 (100-206)

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Python

① what is python ?

⇒ python is a popular programming language
⇒ python is general purpose, High level programming

⇒ python is a dynamic

⇒ why python

- * Simple & Easy to learn
- * Platform Independent
- * Interpreted
- * Rich Library Support

1. 2. 3. 4. 5. 6. 7.