

Python: Intermediary Topic List			Level	Level legends
1	Inheritance	OOP	Intermediate	Basic
	'super' keyword		Intermediate	Intermediate
	Object Magic Method		Intermediate	Advanced
	Class level attribute and Object attribute		Intermediate	
	Type of method (static, class)		Intermediate	
	Abstraction		Intermediate	
	Public, Private, Protected		Intermediate	
	Property		Intermediate	
2	Dynamic language & compiled language		Basic	
3	What is Meta class? Concept.		Advanced	
4	Type Conversion in python		Basic	
5	Static Type & Dynamic Type		Basic	
6	Named Tuple		Intermediate	
7	Keyword		Basic	
8	How module works? Concept, Import, Statement		Basic	
9	Global Variable		Basic	
10	Debugging		Advanced	
11	Mutable/Immutable		Basic	
12	Method pack, unpack, function calling, recursive function, YIELD.		Intermediate	
13	Exception Handling		Intermediate	
14	logging		Intermediate	
15	Lambda function		Basic	
16	Regular Expression		Advanced	
17	File, OS Module		Basic	
18	Date Manipulation		Basic	
19	String		Basic	
20	Comprehension(list, dict)		Intermediate	
21	Decorator, Generator, Iterator		Advanced	
22	Map, Filter, Reduce		Intermediate	
23	Print Command		Basic	
24	Comments		Basic	
25	Unicode support		Intermediate	
26	repr		Basic	
27	<u>string</u>		Basic	
28	Python file extension(pyc, pyo, ...)		Basic	
29	pickle		Advanced	

Mutable vs Immutable :	-- http://stackoverflow.com/questions/8056130/immutable-vs-mutable-types-python -- http://codehabitude.com/2013/12/24/python-objects-mutable-vs-immutable/ -- https://www.youtube.com/watch?v=wIB4FXZGXKU
Unicode :	-- https://docs.python.org/2/howto/unicode.html#reading-and-writing-unicode-data -- http://www.diveintopython.net/xml_processing/unicode.html
Print Command :	-- http://www.loyalty.org/~schoen/python/class-2-print.txt
lambda, map(), filter(), reduce():	-- https://pythonconquerstheuniverse.wordpress.com/2011/08/29/lambda_tutorial/ -- https://infohost.nmt.edu/tcc/help/pubs/python/web/map-function.html -- http://www.python-course.eu/lambda.php -- http://www.bogotobogo.com/python/python_functions_lambda.php -- http://www.bogotobogo.com/python/python_fncls_map_filter_reduce.php -- http://www.secnex.de/olli/Python/lambda_functions.hawk -- http://www.lleess.com/2013/07/python-built-in-function-map-reduce-zip.html#.VZkFFRuqPHw
Modules :	-- https://docs.python.org/2/tutorial/modules.html -- http://www.tutorialspoint.com/python/python_modules.htm -- http://sthurlow.com/python/lesson09/ -- http://www.python-course.eu/modules_and_modular_programming.php
Global Variable :	-- http://www.python-course.eu/global_vs_local_variables.php -- http://stackoverflow.com/questions/423379/using-global-variables-in-a-function-other-than-the-one-that-created-them
Exception Handling :	-- http://www.python-course.eu/exception_handling.php -- https://en.wikibooks.org/wiki/Python_Programming/Exceptions -- https://docs.python.org/2/tutorial/errors.html -- http://www.tutorialspoint.com/python/python_exceptions.htm
Function :	-- http://www.tutorialspoint.com/python/python_functions.htm -- http://www.python-course.eu/functions.php
Recursive Function :	-- http://www.python-course.eu/recursive_functions.php -- http://interactivepython.org/courselib/static/pythonds/Recursion/recursionsimple.html#what-is-recursion
YIELD :	-- http://pythontips.com/2013/09/29/the-python-yield-keyword-explained/
Generator :	-- http://anandology.com/python-practice-book/iterators.html#itertools

	-- https://www.jeffknupp.com/blog/2013/04/07/improve-your-python-yield-and-generators-explained/
	-- https://wiki.python.org/moin/Generators
	-- http://www.pythoncentral.io/python-generators-and-yield-keyword/
Iterator :	-- http://anandology.com/python-practice-book/iterators.html#itertools
iterator vs generator :	-- http://stackoverflow.com/questions/2776829/difference-between-pythons-generators-and-iterators
items() vs iteritems() :	-- http://stackoverflow.com/questions/10458437/what-is-the-difference-between-dict-items-and-dict-iteritems
pack & unpack arguments :	-- http://hangar.runway7.net/python/packing-unpacking-arguments
	-- http://stackoverflow.com/questions/3480184/unpack-a-list-in-python
string :	-- https://developers.google.com/edu/python/strings
pickle :	-- http://pythontips.com/2013/08/02/what-is-pickle-in-python/
Compiled vs Interpreted	-- http://www.techdarting.com/2014/04/python-compiled-or-interpreted-language.html
	-- http://effbot.org/zone/python-compile.htm
	-- http://www.java-samples.com/showtutorial.php?tutorialid=1594
str() vs repr() :	-- http://stackoverflow.com/questions/7784148/understanding-repr-function-in-python
	-- http://stackoverflow.com/questions/19331404/str-vs-repr-functions-in-python-2-7-5
datetime :	-- https://docs.python.org/2.7/library/datetime.html
	-- http://pymotw.com/2/datetime/
Regular Expression :	-- http://www.python-course.eu/re.php
	-- http://www.python-course.eu/re_advanced.php
	-- https://docs.python.org/2/howto/regex.html
	-- https://docs.python.org/2/library/re.html#module-re

File :	-- http://www.python-course.eu/file_management.php -- http://www.tutorialspoint.com/python/python_files_io.htm
Decorator :	-- http://thecodeship.com/patterns/guide-to-python-function-decorators/
Meta class :	-- http://stackoverflow.com/questions/100003/what-is-a-metaclass-in-python -- http://eli.thegreenplace.net/2011/08/14/python-metaclasses-by-example/
Static Type vs Dynamic Type :	-- http://stackoverflow.com/questions/1517582/what-is-the-difference-between-statically-typed-and-dynamically-typed-languages -- http://www.sitepoint.com/typing-versus-dynamic-typing/
Named Tuple :	-- http://stackoverflow.com/questions/2970608/what-are-named-tuples-in-python -- https://docs.python.org/3/library/collections.html#collections.namedtuple -- http://pymotw.com/2/collections/namedtuple.html -- http://jameso.be/2013/08/06/namedtuple.html
Dynamic Language :	-- http://stackoverflow.com/questions/787239/what-is-a-dynamic-language-and-why-doesnt-c-sharp-qualify -- https://en.wikipedia.org/wiki/Dynamic_programming_language
Compiled Language :	-- https://en.wikipedia.org/wiki/Compiled_language -- http://stackoverflow.com/questions/3265357/compiled-vs-interpreted-languages -- http://www.programmerinterview.com/index.php/general-miscellaneous/whats-the-difference-between-a-compiled-and-an-interpreted-language/ -- http://www.vanguardsw.com/dphelp4/dph00296.htm
super() :	-- http://stackoverflow.com/questions/576169/understanding-python-super-with-init-methods -- http://www.blog.pythonlibrary.org/2014/01/21/python-201-what-is-super/ -- http://stackoverflow.com/questions/5066315/why-is-super-broken-in-python-2-x
Magic Method :	-- http://www.python-course.eu/python3_magic_methods.php -- http://www.diveintopython3.net/special-method-names.html

Classes :	-- https://docs.python.org/2/tutorial/classes.html
Types of methods (class method, static method & abstract method) :	-- http://stackoverflow.com/questions/136097/what-is-the-difference-between-staticmethod-and-classmethod-in-python -- https://julien.danjou.info/blog/2013/guide-python-static-class-abstract-methods -- http://stackoverflow.com/questions/12179271/python-classmethod-and-staticmethod-for-beginner -- http://www.bogotobogo.com/python/python_differences_between_static_method_and_class_method_instance_method.php
property :	-- https://newcircle.com/bookshelf/python_fundamentals_tutorial/ooop
pdb :	-- https://docs.python.org/2/library/pdb.html -- http://stackoverflow.com/questions/1623039/python-debugging-tips -- https://pythonconquerstheuniverse.wordpress.com/2009/09/10/debugging-in-python/
eval() :	-- http://stackoverflow.com/questions/2220699/whats-the-difference-between-eval-exec-and-compile-in-python
private,protected, public :	-- http://radek.io/2011/07/21/private-protected-and-public-in-python/
Logging :	-- http://pymotw.com/2/logging/ -- http://www.shutupandship.com/2012/02/how-python-logging-module-works.html
How Python Executes :	-- http://www.python-course.eu/execute_script.php
MRO (Method Resolution Order) :	-- http://python-history.blogspot.com/2010/06/method-resolution-order.html
lxml :	-- http://lxml.de/
sqlalchemy :	-- http://www.blog.pythonlibrary.org/2010/02/03/another-step-by-step-sqlalchemy-tutorial-part-1-of-2/ -- http://www.blog.pythonlibrary.org/2010/02/03/another-step-by-step-sqlalchemy-tutorial-part-2-of-2/

Virtual Environment :	-- http://docs.python-guide.org/en/latest/dev/virtualenvs/
	-- http://simononsoftware.com/virtualenv-tutorial/
	-- http://simononsoftware.com/virtualenv-tutorial-part-2/