Python 3.x

1. PYTHON: INTERPRETER

https://www.geeksforgeeks.org/python-compiled-or-interpreted/

https://www.w3schools.com/python/python_intro.asp

2. SYNTAX

https://www.w3schools.com/python/python_syntax.asp

3. COMMENTS

https://www.w3schools.com/python/python_comments.asp

4. VARIABLES

https://www.w3schools.com/python/python_variables.asp

5. DATA TYPES

1.1.NUMERICS

https://www.w3schools.com/python/python_numbers.asp

1.1.1. INTEGERS

1.1.2. FLOAT

1.1.3. COMPLEX

1.2.SEQUENCES

1.2.1. STRINGS

1.2.2. METHODS

https://www.w3schools.com/python/python_strings.asp

https://www.w3schools.com/python/python_strings_methods.asp

1.2.3. LISTS
1.2.4. METHODS

https://www.w3schools.com/python/python_lists.asp

https://www.w3schools.com/python/python_lists_methods.asp

1.2.5. TUPLES
1.2.6. METHODS

https://www.w3schools.com/python/python_tuples_methods.asp

https://www.w3schools.com/python/python_tuples.asp

2. SET
https://www.w3schools.com/python/python_sets.asp

https://www.w3schools.com/python/python_sets_methods.asp

2.1.1. SET AND FROZENSET
2.1.2. METHODS

3. MAPPING
https://www.w3schools.com/python/python_dictionaries.asp

https://www.w3schools.com/python/python_dictionaries_methods.asp

3.1.1. DICTIONARY
3.1.2. METHODS

4. BOOL
https://www.w3schools.com/python/python_booleans.asp

6. TYPE CONVERSIONS
https://www.w3schools.com/python/python_casting.asp

7. OPERATORS AND KEYWORDS

OPERATORS
https://www.w3schools.com/python/python_operators.asp

KEYWORDS
https://www.programiz.com/python-programming/keyword-list

https://www.w3schools.com/python/python_ref_keywords.asp

8. CONDITIONS AND CLAUSE

https://www.programiz.com/python-programming/if-elif-else

IF

ELIF

ELSE

9. LOOPS

https://www.geeksforgeeks.org/loops-in-python/

10. FOR

https://www.w3schools.com/python/python_for_loops.asp

range()

BREAK

CONTINUE

ELSE

11. WHILE

https://www.geeksforgeeks.org/python-while-loop/

https://www.w3schools.com/python/python_while_loops.asp

BREAK

CONTINUE

ELSE

12. FUNCTIONS

https://www.w3schools.com/python/python_functions.asp

1. BUILT-IN FUNCTIONS

2. USER DEFINED FUNCTIONS

3. ARGUMENTS

https://www.w3schools.com/python/gloss_python_function_arguments.asp

https://www.w3schools.com/python/python_functions.asp

3.1.1. POSITIONAL ARGUMENTS

3.1.2. KEYWORD ARGUMENTS

3.1.3. DEFAULT ARGUMENTS

3.1.4. ARBITRARY ARGUMENTS

3.1.5. ARBITRARY POSITIONAL ARGUMENTS

3.1.6. ARBITRARY KEYWORD ARGUMENTS

4. RECURSIONS

https://www.programiz.com/python-programming/recursion

13. MODULES

https://www.w3schools.com/python/python_modules.asp

https://www.w3schools.com/python/python_pip.asp

14. TRYING AND CATCHING EXCEPTIONS

https://www.w3schools.com/python/python_try_except.asp

TRY BLOCKS

EXCEPT BLOCKS

ELSE BLOCK

FINALLY BLOCK

15. RANDOM

https://www.random.org/

https://www.w3schools.com/python/module_random.asp

16. LAMBDA

https://www.programiz.com/python-programming/anonymous-function

https://www.youtube.com/watch?list=PL98qAXLA6aftqPGddFjJ59m71F96ZPwD4&v=dX6lWSp7pP4

17. NESTING

https://www.geeksforgeeks.org/nested-if-statement-in-python/

https://www.w3schools.com/python/gloss_python_for_nested.asp

https://www.dummies.com/article/technology/programming-web-design/python/how-to-handle-nested-exceptions-in-python-203523/

https://www.geeksforgeeks.org/multi-dimensional-lists-in-python/

https://www.geeksforgeeks.org/nested-list-comprehensions-in-python/

18. FILE HANDLING

https://www.w3schools.com/python/python_file_handling.asp

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HANDLES

METHODS

19. LIST COMPREHENSION

https://www.w3schools.com/python/python_lists_comprehension.asp

https://www.programiz.com/python-programming/list-comprehension

20. PERMUTATIONS

https://www.geeksforgeeks.org/permutation-and-combination-in-python

21. F'STRINGS

https://realpython.com/python-f-strings