Python 3.x

# PYTHON: INTERPRETER

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

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

# SYNTAX

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

# COMMENTS

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

# VARIABLES

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

# DATA TYPES

## NUMERICS

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

#### INTEGERS

#### FLOAT

#### COMPLEX

## SEQUENCES

#### STRINGS

* + 1. METHODS

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

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

#### LISTS

* + 1. METHODS

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

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

#### TUPLES

* + 1. METHODS

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

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

## SET

<https://www.w3schools.com/python/python_sets.asp>

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

#### SET AND FROZENSET

* + 1. METHODS

## MAPPING

<https://www.w3schools.com/python/python_dictionaries.asp>

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

#### DICTIONARY

* + 1. METHODS

## BOOL

<https://www.w3schools.com/python/python_booleans.asp>

# TYPE CONVERSIONS

<https://www.w3schools.com/python/python_casting.asp>

# 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>

# CONDITIONS AND CLAUSE

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

## IF

## ELIF

## ELSE

# LOOPS

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

# FOR

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

## range()

## BREAK

## CONTINUE

## ELSE

# WHILE

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

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

## BREAK

## CONTINUE

## ELSE

# FUNCTIONS

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

## BUILT-IN FUNCTIONS

## USER DEFINED FUNCTIONS

### ARGUMENTS

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

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

#### POSITIONAL ARGUMENTS

#### KEYWORD ARGUMENTS

#### DEFAULT ARGUMENTS

#### ARBITRARY ARGUMENTS

#### ARBITRARY POSITIONAL ARGUMENTS

#### ARBITRARY KEYWORD ARGUMENTS

### RECURSIONS

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

# MODULES

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

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

# TRYING AND CATCHING EXCEPTIONS

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

## TRY BLOCKS

## EXCEPT BLOCKS

## ELSE BLOCK

## FINALLY BLOCK

# RANDOM

<https://www.random.org/>

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

# LAMBDA

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

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

# 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/>

# FILE HANDLING

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

C:\Users\Admin\Desktop\Dinesh\pythonlearn

## HANDLES

## METHODS

# LIST COMPREHENSION

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

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

# PERMUTATIONS

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

# F’STRINGS

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