python snippets

Ferhat Yalçın | 609,942 installs | ★★★☆☆ (11) | Free

Code snippets for python

Installation

Launch VS Code Quick Open (Ctrl+P), paste the following command, and press enter.

```
ext install frhtylcn.pythonsnippets
```

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Overview Version History Q & A Rating & Review

Python Snippets Pack for Visual Studio Code (python 3^)

A snippet pack to make you more productive working with python

This snippet pack contains all below python method

- all python built-in snippets and contains at least one example for each method
- all python string snippets contains at least one example for each method
- all python list snippets contains at least one example for each method
- all python sets snippets contains at least one example for each method
- all python tuple snippets contains at least one example for each method
- all python dictionary snippets contains at least one example for each method
- And contains a lot of other code snippets (like if/else, for, while, while/else, try/catch,file process and
- class snippets and class examples for oop(polymorphism,encapsulation,inheritance .i.g)

if you don't use a method don't worry this extension contains a lot of code examples for each python method

This extensions not only snippets but also it will be helpful for learning python programming language.

Categories

Snippets

Tags

python snippet

Works with

Universal, Web

Resources

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Project Details

ylcnfrht/vscode-python-snippet-pack
Last Commit: 4 years ago
7 Pull Requests
4 Open Issues

More Info

Version	1.0.2
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You will learn all python method with a lot of code examples

For example if you want to use string replace method then only use .replace

But if you dont know how to use replace method then use string.replace=>

Here's the full list of all the snippets:

Snippets / Descriptons

built-in methods code snippets	Description
abs	Returns the absolute value of a number
all	Returns True if all items in an iterable object are true
any	Returns True if any item in an iterable object is true
ascii	Returns a readable version of an object. Replaces none-ascii characters with escape character
bin	Returns the binary version of a number
bool	Returns the boolean value of the specified object
bytearray	Returns an array of bytes
bytes	Returns a bytes object
callable	Returns True if the specified object is callable, otherwise False
chr	Returns a character from the specified Unicode code.
delattr	Deletes the specified attribute (property or method) from the specified object
dict	Returns a dictionary (Array)
dir	Returns a list of the specified object's properties and methods

built-in methods code snippets	Description
divmod	Returns the quotient and the remainder when argument1 is divided by argument2
enumerate	Takes a collection (e.g. a tuple) and returns it as an enumerate object
eval	Evaluates and executes an expression
exec	Executes the specified code (or object)
filter	Use a filter function to exclude items in an iterable object
float	Returns a floating point number
frozenset	Returns a frozenset object
getattr	Returns the value of the specified attribute (property or method)
globals	Returns the current global symbol table as a dictionary
hasattr	Returns True if the specified object has the specified attribute (property/method)
hash	Returns the hash value of a specified object
help	Executes the built-in help system
hex	Converts a number into a hexadecimal value
int	Returns an integer number
id	Returns the id of an object
input	Allowing user input
isinstance	Returns True if a specified object is an instance of a specified object
issubclass	Returns True if a specified class is a subclass of a specified object
iter	Returns an iterator object
len	Returns the length of an object
locals	Returns an updated dictionary of the current local symbol table
map	Returns the specified iterator with the specified function applied to

built-in methods code snippets	Description
	each item
max	Returns the largest item in an iterable
memoryview	Returns a memory view object
min	Returns the smallest item in an iterable
next	Returns the next item in an iterable
object	Returns a new object
oct	Converts a number into an octal
open	Opens a file and returns a file object
ord	Given a string of length one, return an integer representing the Unicode code point of the character when the argument is a unicode object, or the value of the byte when the argument is an 8-bit string.
pow	Return x to the power y
print	Prints to the standard output device
property	Gets, sets, deletes a property
range	Returns a sequence of numbers, starting from 0 and increments by 1 (by default)
repr	Returns a readable version of an object
reversed	Returns a reversed iterator
round	Rounds a numbers
slice	Returns a slice object
sorted	Returns a sorted list
staticmethod	Converts a method into a static method
str	Returns a string object
sum	Sums the items of an iterator
super	Return a proxy object that delegates method calls to a parent or sibling class of type.
type	Returns the type of an object

built-in methods code snippets	Description
unichr	Return the Unicode string of one character whose Unicode code is the integer i.
vars	Returns the **dict** property of an object
zip	Returns an iterator, from two or more iterators

built-in methods code examples	Description
built_in.abs=>int	An example for using abs method
built_in.abs=>float	An example for using abs method
built_in.abs=>complex	An example for using abs method
built_in.all=>list_1	An example for using all with list
built_in.all=>list_2	An example for using all with list
built_in.all=>tuple	An example for using all with tuple
built_in.all=>set	An example for using all with set
built_in.all=>dictionary	An example for using all with dictionary
built_in.any=>list_1	An example for using all with list
built_in.ascii=>_list_1	An example for using ascii
built_in.bin=>_1	An example for using ascii
built_in.bool=>_1	An example for using bool
built_in.bytearray=>_1	An example for using bool
built_in.bytes=>_1	An example for using bytes

built-in methods code examples	Description
built_in.callable=>_1	An example for using callable
built_in.callable=>_2	An example for using bytes
built_in.chr=>_1	An example for using bytes
built_in.compile=>_1	An example for using compile
built_in.compile=>_1	An example for using compile
built_in.complex=>_1	An example for using complex
built_in.complex=>_2	An example for using complex
built_in.delattr=>_1	An example for using delattr
built_in.dict=>_1	An example for using dict
built_in.dir=>	An example for using dict
built_in.divmod=>_1	An example for using divmod
built_in.enumerate=>_1	An example for using enumerate
built_in.eval=>_1	An example for using eval
built_in.exec=>_1	An example for using exec
built_in.filter=>_1	An example for using filter
built_in.float=>_1	An example for using float
built_in.float=>_2	An example for using float
built_in.format=>_1	An example for using format
built_in.frozenset=>_1	An example for using frozenset
built_in.frozenset=>_2	An example for using frozenset

built-in methods code examples	Description
built_in.frozenset=>_3	An example for using frozenset
built_in.globals=>_1	An example for using globals
built_in.globals=>_2	An example for using globals
built_in.hasattr=>	An example for using hasattr
built_in.hex=>	An example for using hasattr
built_in.int=>_1	An example for using int
built_in.int=>_2	An example for using int
built_in.id=>	An example for using id
built_in.input=>_1	An example for using input
built_in.input=>_2	An example for using input
built_in.isinstance=>_1	An example for using isinstance
built_in.isinstance=>_2	An example for using isinstance
built_in.isinstance=>_3	An example for using isinstance
built_in.issubclass=>	An example for using isinstance
built_in.iter=>	An example for using iter
built_in.len=>_1	An example for using len
built_in.len=>_2	An example for using len
built_in.list=>	An example for using list
built_in.locals=>_1	An example for using locals
built_in.locals=>_2	An example for using locals

built-in methods code examples	Description
built_in.map=>_1	An example for using map
built_in.map=>_2	An example for using map
built_in.max=>_1	An example for using max
built_in.max=>_2	An example for using max
built_in.max=>_3	An example for using max
built_in.memoryview=>	An example for using memoryview
built_in.min=>_1	An example for using min
built_in.min=>_2	An example for using min
built_in.min=>_3	An example for using min
built_in.next=>_1	An example for using next
built_in.next=>_2	An example for using next
built_in.object=>	An example for using object
built_in.oct=>	An example for using oct
built_in.open=>	An example for using open
built_in.ord=>	An example for using ord
built_in.pow=>	An example for using pow
built_in.print=>_1	An example for using print
built_in.print=>_2	An example for using print
built_in.print=>_3	An example for using print
built_in.property=>	An example for using property

built-in methods code examples	Description
built_in.range=>_1	An example for using range
built_in.range=>_2	An example for using range
built_in.range=>_3	An example for using range
built_in.reversed=>	An example for using reversed
built_in.round=>_1	An example for using round
built_in.round=>_2	An example for using round
built_in.set=>	An example for using set
built_in.setattr=>	An example for using setattr
built_in.slice=>_1	An example for using slice
built_in.slice=>_2	An example for using slice
built_in.slice=>_3	An example for using slice
built_in.sorted=>_1	An example for using sorted
built_in.sorted=>_2	An example for using sorted
built_in.sorted=>_3	An example for using sorted
built_in.str=>	An example for using str
built_in.sum=>_1	An example for using sum
built_in.sum=>_2	An example for using sum
built_in.tuple=>	An example for using tuple
built_in.type=>	An example for using type
built_in.vars=>	An example for using vars

built-in methods code examples	Description
built_in.zip=>_1	An example for using zip
built_in.zip=>_2	An example for using zip

string methods code snippets	Description
.capitalize	Converts the first character to upper case
.casefold	Converts string into lower case
.center	Returns a centered string
.count	Returns the number of times a specified value occurs in a string
.encode	Returns an encoded version of the string
.endswith	Returns true if the string ends with the specified value
.expandtabs	Sets the tab size of the string
.find	Searches the string for a specified value and returns the position of where it was found
.format	Formats specified values in a string
.format_map	Formats specified values in a string
.index	Searches the string for a specified value and returns the position of where it was found
.isalnum	Returns True if all characters in the string are alphanumeric
.isalpha	Returns True if all characters in the string are in the alphabet
.isdecimal	Returns True if all characters in the string are decimals
.isdigit	Returns True if all characters in the string are digits
.isidentifier	Returns True if the string is an identifier

string methods code snippets	Description
.islower	Returns True if all characters in the string are lower case
.isnumeric	Returns True if all characters in the string are numeric
.isprintable	Returns True if all characters in the string are printable
.isspace	Returns True if all characters in the string are whitespaces
.istitle	Returns True if the string follows the rules of a title
.isupper	Returns True if all characters in the string are upper case
.join	Joins the elements of an iterable to the end of the string
.ljust	Returns a left justified version of the string
.lower	Converts a string into lower case
.lstrip	Returns a left trim version of the string
.maketrans	Returns a translation table to be used in translations
.partition	Returns a tuple where the string is parted into three parts
.replace	Returns a string where a specified value is replaced with a specified value
.rfind	Searches the string for a specified value and returns the last position of where it was found
.rindex	Searches the string for a specified value and returns the last position of where it was found
.rpartition	Returns a tuple where the string is parted into three parts
.rsplit	Returns a right trim version of the string
.split	Splits the string at the specified separator, and returns a list

string methods code snippets	Description
.splitlines	Splits the string at line breaks and returns a list
.startswith	Returns true if the string starts with the specified value
.swapcase	Swaps cases, lower case becomes upper case and vice versa
.title	Converts the first character of each word to upper case
.translate	Returns a translated string
.upper	Converts a string into upper case
.zfill	Fills the string with a specified number of 0 values at the beginning

string methods code examples	Description
string.capitalize=>_1	An example for using capitalize
string.capitalize=>_2	An example for using capitalize
string.casefold=>	An example for using casefold
string.center=>_1	An example for using center
string.center=>_2	An example for using center
string.count=>_1	An example for using count
string.count=>_2	An example for using count
string.encode=>	An example for using encode
string.endswith=>_1	An example for using endswith
string.endswith=>_2	An example for using endswith

string methods code examples	Description
string.expandtabs=>_1	An example for using expandtabs
string.expandtabs=>_2	An example for using expandtabs
string.find=>_1	An example for using find
string.find=>_2	An example for using find
string.find=>_3	An example for using find
string.find=>_4	An example for using find
string.format=>	An example for using format
string.format_map=>	An example for using format_map
string.index=>_1	An example for using index
string.index=>_2	An example for using index
string.index=>_3	An example for using index
string.index=>_4	An example for using index
string.isalnum=>	An example for using isalnum
string.isalpha=>	An example for using isalpha
string.isdecimal=>	An example for using isdecimal
string.isdigit=>	An example for using isdigit
string.isidentifier=>	An example for using isidentifier
string.islower=>	An example for using islower
string.isnumeric=>	An example for using isnumeric
string.isprintable=>	An example for using isprintable

string methods code examples	Description
string.isspace=>	An example for using isspace
string.istitle=>	An example for using istitle
string.isupper=>	An example for using isupper
string.join=>	An example for using join
string.ljust=>	An example for using ljust
string.lower=>	An example for using lower
string.lstrip=>	An example for using lstrip
string.maketrans=>	An example for using maketrans
string.partition=>	An example for using partition
string.replace=>	An example for using replace
string.rfind=>	An example for using rfind
string.rindex=>	An example for using rindex
string.rpartition=>	An example for using rpartition
string.rsplit=>	An example for using rsplit
string.split=>	An example for using split
string.splitlines=>	An example for using splitlines
string.startswith=>	An example for using startswith
string.swapcase=>	An example for using swapcase
string.title=>	An example for using title
string.translate=>	An example for using translate

string methods code examples	Description
string.upper=>	An example for using upper
string.zfill=>	An example for using zfill

list methods code snippets	Description
.append	Adds an element at the end of the list
.clear	Removes all the elements from the list
.copy	Returns a copy of the list
.count	Returns the number of elements with the specified value
.extend	Add the elements of a list (or any iterable), to the end of the current list
.index	Returns the index of the first element with the specified value
.insert	Adds an element at the specified position
.pop	Removes the element at the specified position
.remove	Removes the first item with the specified value
.reverse	Reverses the order of the list
.sort	Sorts the list

list methods code examples	Description
list.append=>	An example for using append
list.clear=>	An example for using clear

list methods code examples	Description
list.copy=>	An example for using copy
list.count=>	An example for using count
list.extend=>	An example for using extend
list.index=>	An example for using index
list.insert=>	An example for using insert
list.pop=>	An example for using pop
list.remove=>	An example for using remove
list.reverse=>	An example for using reverse
list.sort=>	An example for using sort
list.comp=>_1	An example for using list comprehension
list.comp=>_2	An example for using list comprehension
list.comp=>_3	An example for using list comprehension
list.comp=>_4	An example for using list comprehension
list.comp=>_5	An example for using list comprehension

sets methods code snippets	Description
.add	Adds an element to the set
.clear	Removes all the elements from the set
.copy	Returns a copy of the set
.difference	Returns a set containing the difference

sets methods code snippets	Description
	between two or more sets
.difference_update	Removes the items in this set that are also included in another, specified set
.discard	Remove the specified item
.intersection	Returns a set, that is the intersection of two other sets
.intersection_update	Removes the items in this set that are not present in other, specified set(s)
.isdisjoint	Returns whether two sets have a intersection or not
.issubset	Returns whether another set contains this set or not
.issuperset	Returns whether this set contains another set or not
.pop	Removes the specified element
.remove	Removes the specified element
.symmetric_difference	Returns a set with the symmetric differences of two sets
.symmetric_difference_update	inserts the symmetric differences from this set and another
.union	Return a set containing the union of sets

sets methods code snippets	Description
.update	Update the set with the union of this set and others

sets methods code examples	Descripti
sets.add=>	An example for us
sets.clear=>	An example for us
sets.copy=>	An example for us
sets.difference=>_1	An example for us difference
sets.difference=>_2	An example for us difference
sets.difference_update=>	An example for us difference_update
sets.discard=>	An example for us
sets.intersection=>_1	An example for us intersection
sets.intersection=>_2	An example for us intersection
sets.intersection_update=>_1	An example for us intersection_upda
sets.intersection_update=>_2	An example for us intersection_upda
sets.isdisjoint=>_1	An example for us isdisjoint
sets.isdisjoint=>_2	An example for us isdisjoint
sets.sets.issubset=>_1	An example for us issubset
sets.issubset=>_2	An example for us issubset
sets.issuperset=>_1	An example for us issuperset
sets.issuperset=>_2	An example for us issuperset
sets.pop=>	An example for us
sets.remove=>	An example for us

sets methods code examples	Descripti
sets.symmetric_difference=>	An example for us symmetric_differe
sets.symmetric_difference_update=>	An example for us symmetric_differe
sets.union=>_1	An example for us
sets.union=>_2	An example for us
sets.update=>	An example for us

| dictionary methods code snippets | Description | | --- | --- | | .clear | Removes all the elements from the dictionary | | .copy | Returns a copy of the dictionary | | .fromkeys | Returns a dictionary with the specified keys and values | | .get | Returns the value of the specified key | | .items | Returns a list containing the a tuple for each key value pair | | .keys | Returns a list containing the dictionary's keys | | .pop | Removes the element with the specified key | | .popitem | Removes the last inserted key-value pai | | .setdefault | Returns the value of the specified key. If the key does not exist: insert the key, with the specified value | | .update | Updates the dictionary with the specified key-value pairs | | .values | Returns a list of all the values in the dictionary |

dictionary methods code examples	Description
dictionary.clear=>	An example for using clear
dictionary.copy=>	An example for using copy
dictionary.fromkeys=>	An example for using fromkeys
dictionary.get=>	An example for using get
dictionary.items=>	An example for using items
dictionary.keys=>	An example for using keys
dictionary.pop=>	An example for using pop
dictionary.popitem=>	An example for using popitem
dictionary.setdefault=>	An example for

dictionary methods code examples	Description
	using setdefault
dictionary.update=>	An example for using update
dictionary.values=>	An example for using values

| tuple methods code snippets | Description | | --- | --- | | .count | Returns the number of times a specified value occurs in a tuple | | .index | Searches the tuple for a specified value and returns the position of where it was found |

tuple methods code examples	Description
tuple.count=>	An example for using count
tuple.index=>	An example for using index

| for loop code snippets | Description | | --- | --- | | for | for Statements |

for loop code examples	
for=>	An example for using for
for=>through_a_string	An example for using for
for=>break_statement	An example for using for
for=>continue_statement	An example for using for
for=>range_function_1	An example for using for
for=>range_function_2	An example for using for
for=>range_function_3	An example for using for
for=>for_else	An example for using for

for loop code examples	
for=>for_else	An example for using for

| while loop code snippets | Description | | --- | --- | | while | while Statements | | while_else | while Statements |

while loop code examples	Description
while=>	while Statements
while=>break_statement	while Statements
while=>continue_statement	while Statements

if/else statement code snippets	Description
if	if Statements
ifelif	if/else if Statements
ifelifelse	if/else if/else Statements
ifelse	if/else Statements
ifshort	ifshort Statements
else	else Statements

| class code snippets | Description | | --- | --- | | class=> | python class | | **init**=> | class **init** method | | **iter**=> | class **iter** method | | **next**=> | class **next** method |

class code examples	Description
class=>_1	oop inheritance example
class=>inheritance_1	oop inheritance example

class code examples	Description
class=>inheritance_2	oop inheritance example
class=>with_attribute_1	class with attribute example
class=>with_attribute_2	class with attribute example
class=>with_attribute_3	class with attribute example
class=>with_method_1	class with method example
class=>with_method_2	class with method example
class=>encapsulation	class encapsulation example
class=>polymorphism	class polymorphism example

import code snippets	Description
import=>	import module

List Comprehensions code snippets	Description
comp=>	List Comprehensions

List Comprehensions code examples	Description
list.comp=>_1	An example for using list comprehension
list.comp=>_2	An example for using list comprehension
list.comp=>_3	An example for using list comprehension
list.comp=>_4	An example for using list comprehension
list.comp=>_5	An example for using list comprehension

lambda code examples	Description
lambda	A lambda function can take any number of arguments, but can only have one expression.

function code snippets	Description
def=>	Defining Function
def=>with_default_value	Defining Function wqith default values
function=>	Defining Function

file code examples	Description
file=>openFile	open a file
file=>openFileReadLine	Read one line of the file
file=>writeExistFile	Write to an Existing File
file=>writeOwerWrite	Open a file and overwrite the content
file=>createFileIfDoesNotExist	Create a new file if it does not exist
file=>createFile	Create a new file
file=>deleteFile	delete a file

For example

Creating a class

class=>with_attribute_1

```
class Parrot:

# class attribute
 species = 'bird'

# instance attribute
```

```
    def __init__(self, name, age):
        self.name = name
        self.age = age

# instantiate the Parrot class
blu = Parrot('Blu', 10)
woo = Parrot('woo', 15)

# access the class attributes
print('Blu is a {}'.format(blu.__class__.species))
print('Woo is also a {}'.format(woo.__class__.species))
# access the instance attributes
print('{} is {} years old'.format( blu.name, blu.age))
print('{} is {} years old'.format( woo.name, woo.age))
```

Release Notes

Users appreciate release notes as you update your extension.

For more information

- python documentation
- w3schools
- www.programiz
- python.swaroopch
- pythonforbeginners

Enjoy!

1.0.0

Initial release of python code snippets

1.0.2

Updated README.md
