

# Help in Python

To understand Python features instead of the books we can refer its official documentation.

Download official documentation from <https://docs.python.org/3/download.html>

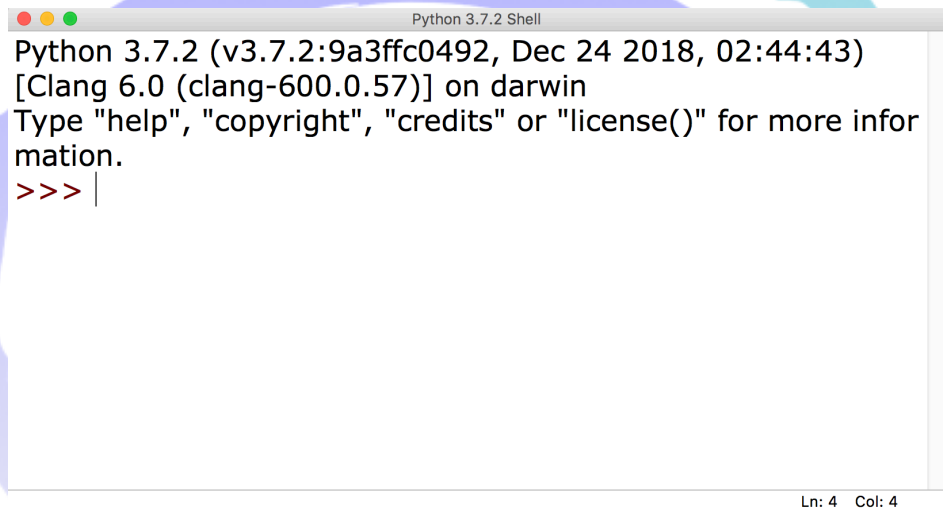
## IDLE :

IDLE (short for integrated development environment or integrated development and learning environment) is an integrated development environment for Python, which has been bundled with the default implementation of the language.

It is packaged as an optional part of the Python packaging with many Linux distributions. It is completely written in Python.

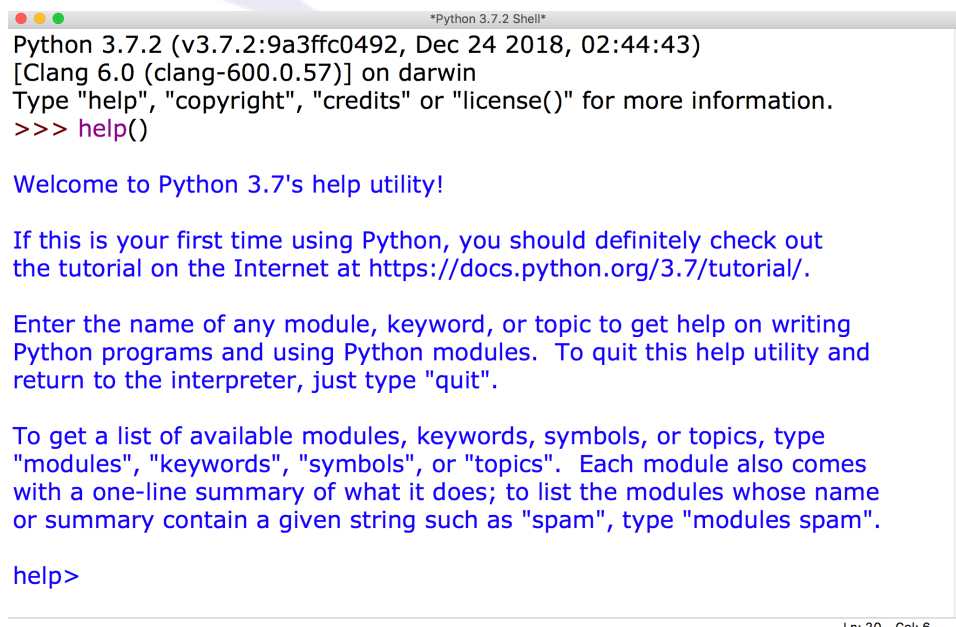
From IDLE By using python help system we can retrieve all necessary information about python.

Open Python IDLE



```
Python 3.7.2 (v3.7.2:9a3ffc0492, Dec 24 2018, 02:44:43)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>> |
```

To access Help prompt enter Help() on Python shell.



```
*Python 3.7.2 Shell*
Python 3.7.2 (v3.7.2:9a3ffc0492, Dec 24 2018, 02:44:43)
[Clang 6.0 (clang-600.0.57)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>> help()

Welcome to Python 3.7's help utility!

If this is your first time using Python, you should definitely check out
the tutorial on the Internet at https://docs.python.org/3.7/tutorial/.

Enter the name of any module, keyword, or topic to get help on writing
Python programs and using Python modules. To quit this help utility and
return to the interpreter, just type "quit".

To get a list of available modules, keywords, symbols, or topics, type
"modules", "keywords", "symbols", or "topics". Each module also comes
with a one-line summary of what it does; to list the modules whose name
or summary contain a given string such as "spam", type "modules spam".

help>
```

To list all modules of python enter topics on help prompt

```

Python 3.7.2 Shell
help> topics

Here is a list of available topics. Enter any topic name to get more help.

ASSERTION      DELETION      LOOPING      SHIFTING
ASSIGNMENT     DICTIONARIES  MAPPINGMETHODS  SLICINGS
ATTRIBUTEMETHODS  DICTIONARYLITERALS  MAPPINGS      SPECIALATTRIBUTES
ATTRIBUTES     DYNAMICFEATURES  METHODS      SPECIALIDENTIFIERS
AUGMENTEDASSIGNMENT  ELLIPSIS      MODULES      SPECIALMETHODS
BASICMETHODS    EXCEPTIONS      NAMESPACES    STRINGMETHODS
BINARY          EXECUTION      NONE          STRINGS
BITWISE         EXPRESSIONS    NUMBERMETHODS  SUBSCRIPTS
BOOLEAN         FLOAT          NUMBERS       TRACEBACKS
CALLABLEMETHODS  FORMATTING     OBJECTS       TRUTHVALUE
CALLS           FRAMEOBJECTS   OPERATORS     TUPLELITERALS
CLASSES        FRAMES         PACKAGES      TUPLES
CODEOBJECTS     FUNCTIONS      POWER         TYPEOBJECTS
COMPARISON      IDENTIFIERS    PRECEDENCE    TYPES
COMPLEX         IMPORTING      PRIVATENAMES  UNARY
CONDITIONAL     INTEGER        RETURNING     UNICODE
CONTEXTMANAGERS  LISTLITERALS   SCOPING
CONVERSIONS     LISTS          SEQUENCEMETHODS
DEBUGGING       LITERALS      SEQUENCES

help>
Ln: 76 Col: 60

```

Now we can enter the topic name to fetch every information about that topic.

```

Python 3.7.2 Shell
help> list
Help on class list in module builtins:

class list(object)
| list(iterable=(), /)
|
| Built-in mutable sequence.
|
| If no argument is given, the constructor creates a new empty list.
| The argument must be an iterable if specified.
|
| Methods defined here:
|
| __add__(self, value, /)
|     Return self+value.
|
| __contains__(self, key, /)
|     Return key in self.
|
| __delitem__(self, key, /)
|     Delete self[key].
|
| __eq__(self, value, /)
|     Return self==value.

```

Now we will get all methods methods, features , types of specific module from python.