

string

--string.ascii_letters

The concatenation of the [ascii_lowercase](#) and [ascii_uppercase](#) constants described below. This value is not locale-dependent.

--string.ascii_lowercase

The lowercase letters 'abcdefghijklmnopqrstuvwxyz'. This value is not locale-dependent and will not change.

FE:

--string.ascii_uppercase

The uppercase letters 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'. This value is not locale-dependent and will not change.

--string.digits

The string '0123456789'

--string.hexdigits

The string '0123456789abcdefABCDEF'

--string.octdigits

The string '01234567'

--string.punctuation

String of ASCII characters which are considered punctuation characters in the C locale.

--string.printable

String of ASCII characters which are considered printable. This is a combination of [digits](#), [ascii_letters](#), [punctuation](#), and [whitespace](#).

--string.whitespace

A string containing all ASCII characters that are considered whitespace. This includes the characters space, tab, linefeed, return, formfeed, and vertical tab.

FE:

```
>>> import string
>>> string.ascii_letters
'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ'
>>> string.ascii_lowercase
'abcdefghijklmnopqrstuvwxyz'
>>> string.ascii_uppercase
'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
>>> string.digits
'0123456789'
>>> string.hexdigits
'0123456789abcdefABCDEF'
>>> string.octdigits
'01234567'
>>> string.punctuation
'!"#$%&'()*+,-./:;<=>?@[\\]^_`{|}~'
>>> string.printable
'0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ!"#$%&'()*+,-./:;<=>?@[\\]^_`{|}~ \t\n\r\x0b\x0c'
>>> string.whitespace
' \t\n\r\x0b\x0c'
```