**String Module**

**Module string:**

A collection of string constants.

Public module variables:

whitespace – a string containing all ASCII whitespace ascii\_lowercase – a string containing all ASCII lowercase letters ascii\_uppercase – a string containing all ASCII uppercase letters ascii\_letters – a string containing all ASCII letters digits – a string containing all ASCII decimal digits hexdigits – a string containing all ASCII hexadecimal digits octdigits – a string containing all ASCII octal digits punctuation – a string containing all ASCII punctuation characters printable – a string containing all ASCII characters considered printable

import string  
a=string.digits  
print(a)  
a=string.hexdigits  
print(a)  
a=string.octdigits  
print(a)  
a=string.ascii\_lowercase  
print(a)  
a=string.ascii\_lowercase[:10]  
print(a)  
a=string.ascii\_uppercase  
print(a)  
a=string.ascii\_letters  
print(a)  
a=string.punctuation  
print(a)  
a=string.printable  
print(a)  
a=string.whitespace  
print(a)

**output:**

0123456789

0123456789abcdefABCDEF

01234567

abcdefghijklmnopqrstuvwxyz

abcdefghij

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ

!"#$%&'()\*+,-./:;<=>?@[\]^\_`{|}~

0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ!"#$%&'()\*+,-./:;<=>?@[\]^\_`{|}~

**capwords(s [,sep]) -> string**

Split the argument into words using split, capitalize each word using capitalize, and join the capitalized words using join. If the optional second argument sep is absent or None, runs of whitespace characters are replaced by a single space and leading and trailing whitespace are removed, otherwise sep is used to split and join the words.

import string  
s="Python is a best programmimg language and easy to learn"  
s1=string.capwords(s,sep='a')  
print(s1)

**output:**

Python is a best prograMmimg laNguaGe aNd eaSy to leaRn

**strip():**

Return a copy of the string with leading and trailing whitespace removed.

If chars is given and not None, remove characters in chars instead.

s="\n\n\n\r\r \t\tabc\t\t\n\n\n\r\r"  
s1=s.strip()  
print(s)  
print(s1)

**output:**

A screenshot of a computer

Description automatically generated