

String Function:

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Activities Terminal Jul 26 15:52 rajlaxmi@rajlaxmi-HP-Laptop-14s-fq1xxx -
>>> exit()
rajlaxmi@rajlaxmi-HP-Laptop-14s-fq1xxx:~$ python3
Python 3.10.12 (main, Nov 20 2023, 15:14:05) [GCC 11.4.0] on linux
Type "help", "copyright", "credits" or "license()" for more information.
>>> s = "Rajlaxmi"
>>> dir(s)
['_add_', '_class_', '_contains_', '_delattr_', '_dir_', '_doc_', '_eq_', '_format_', '_ge_', '_getattr_', '_getitem_', '_getnewargs_', '_gt_', '_hash_', '_init_', '_init_subclass_', '_iter_', '_le_', '_len_', '_lt_', '_mod_', '_mul_', '_ne_', '_new_', '_reduce_', '_reduce_ex_', '_repr_', '_rmod_', '_rmul_', '_setattr_', '_sizeof_', '_str_', '_subclasshook_', '_capitalize_', '_casefold_', '_center_', '_count_', '_encode_', '_endswith_', '_expandtabs_', '_find_', '_format_', '_format_map_', '_index_', '_isalnum_', '_isalpha_', '_isascii_', '_isdecimal_', '_isdigit_', '_isidentifier_', '_islower_', '_isnumeric_', '_isprintable_', '_isspace_', '_istitle_', '_isupper_', '_join_', '_ljust_', '_lower_', '_lstrip_', '_maketrans_', '_partition_', '_removeprefix_', '_removesuffix_', '_replace_', '_rfind_', '_rindex_', '_rjust_', '_rpartition_', '_rsplit_', '_rstrip_', '_split_', '_splitlines_', '_startswith_', '_strip_', '_swapcase_', '_title_', '_translate_', '_upper_', '_zfill']
>>> help(s.capitalize)
>>> help(s.casefold)
>>> capitalize(s)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'capitalize' is not defined
>>> s.capitalize(s)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: str.capitalize() takes no arguments (1 given)
>>> s.capitalize("hii")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: str.capitalize() takes no arguments (1 given)
>>> s.capitalize()
'Rajlaxmi'
>>> help(s.casefold)
>>> s.casefold()
'rajlaxmi'
>>> help(s.center)
>>> s = "Rajlaxmi watgule"
```

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>>> help(s.center)
>>> s = "Rajlaxmi watgule"
>>> s.center(10)
'Rajlaxmi watgule'
>>> s.center(10," " ,/)
File "<stdin>", line 1
s.center(10," " ,/)
SyntaxError: invalid syntax
>>> s.center(20)
'Rajlaxmi watgule '
>>> help(s.count)
>>> help(s.count)
>>> s.count(20)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: must be str, not int
>>> s.count('a')
3
>>> help(s.count)
>>> help(s.encode)
>>> s.encode()
b'Rajlaxmi watgule'
>>> help(s.endswith)
>>> s.endswith('e')
True
>>> s.endswith('a')
False
>>> s.endswith('watgule')
True
>>> s = "sggs"
>>> s.count("gg",1,3)
```

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>>> s.endswith('watgule')
True
>>> s = "sggs"
>>> s.count("gg",1,3)
1
>>> s = "sgggs"
>>> s.count("gg")
1
>>> help(expandtabs)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'expandtabs' is not defined
>>> help(s.expandtabs)
>>> s.expandtabs()
'sgggs'
>>> s.expandtabs(5)
'sgggs'
>>> s.expandtabs(20)
'sgggs'
>>> help(find)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'find' is not defined
>>> help(s.find)
>>> s = "Rajlaxmi watgule"
>>> s.find('watgule')
9
>>> help(s.format)
>>> s.format('a','k')
'Rajlaxmi watgule'
>>> help(s.index)
>>> s.index('w')
9
>>> |
```

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>>> s.format('a','k')
'Rajlaxmi watgule'
>>> help(s.index)
>>> s.index('w')
9
>>> s.index
<built-in method index of str object at 0x7b6ce388eba0>
>>> s.count
<built-in method count of str object at 0x7b6ce388eba0>
>>> any
<built-in function any>
>>> s.any
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
AttributeError: 'str' object has no attribute 'any'
>>> s.index('w',0,5)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ValueError: substring not found
>>> i = 15
>>> dir(i)
['_abs_', '_add_', '_and_', '_bool_', '_ceil_', '_class_', '_delattr_', '_dir_', '_divmod_', '_doc_', '_eq_', '_float_', '_floor_', '_floordiv_', '_format_', '_ge_', '_getattr_', '_getnewargs_', '_gt_', '_hash_', '_index_', '_init_', '_init_subclass_', '_int_', '_invert_', '_le_', '_lshift_', '_lt_', '_mod_', '_mul_', '_ne_', '_neg_', '_new_', '_or_', '_pos_', '_pow_', '_radd_', '_rand_', '_rdivmod_', '_reduce_', '_reduce_ex_', '_repr_', '_rfloordiv_', '_rlshift_', '_rmod_', '_rmul_', '_ror_', '_round_', '_rpow_', '_rrshift_', '_rshift_', '_rsub_', '_rtruediv_', '_rxor_', '_setattr_', '_sizeof_', '_str_', '_sub_', '_subclasshook_', '_truediv_', '_trunc_', '_xor_', '_as_integer_ratio_', '_bit_count_', '_bit_length_', '_conjugate_', '_denominator_', '_from_bytes_', '_imag_', '_numerator_', '_real_', '_to_bytes_']
>>> i.denominator
1
>>> i.imag
0
>>> i.denominator()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: 'int' object is not callable
```

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Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
AttributeError: 'str' object has no attribute 'any'
>>> s.index('w',0,5)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ValueError: substring not found
>>> i = 15
>>> dir(i)
['_abs_', '_add_', '_and_', '_bool_', '_ceil_', '_class_', '_delattr_', '_dir_', '_divmod_', '_doc_', '_eq_', '_float_', '_floor_', '_floordiv_', '_format_', '_ge_', '_getattr_', '_getnewargs_', '_gt_', '_hash_', '_index_', '_init_', '_init_subclass_', '_int_', '_invert_', '_le_', '_lshift_', '_lt_', '_mod_', '_mul_', '_neg_', '_new_', '_or_', '_pos_', '_pow_', '_radd_', '_rand_', '_rdivmod_', '_reduce_', '_reduce_ex_', '_repr_', '_rfloordiv_', '_rlshift_', '_rmod_', '_rmul_', '_ror_', '_round_', '_rpow_', '_rrshift_', '_rshift_', '_rsub_', '_rtruediv_', '_rxor_', '_setattr_', '_sizeof_', '_str_', '_sub_', '_subclasshook_', '_truediv_', '_trunc_', '_xor_', '_as_integer_ratio_', '_bit_count_', '_bit_length_', '_conjugate_', '_denominator_', '_from_bytes_', '_imag_', '_numerator_', '_real_', '_to_bytes_']
>>> i.denominator
1
>>> i.imag
0
>>> i.denominator()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: 'int' object is not callable
>>> i.real
15
>>> i.as_integer_ratio'
  File "<stdin>", line 1
    i.as_integer_ratio'
    ^
SyntaxError: unterminated string literal (detected at line 1)
>>> i.as_integer_ratio
<built-in method as_integer_ratio of int object at 0x7b6ce44bc2b0>
>>> i.as_integer_ratio()
(15, 1)
>>> tuple
<class 'tuple'>
>>>
```

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TypeError: 'int' object is not callable
>>> i.real
15
>>> i.as_integer_ratio'
  File "<stdin>", line 1
    i.as_integer_ratio'
    ^
SyntaxError: unterminated string literal (detected at line 1)
>>> i.as_integer_ratio
<built-in method as_integer_ratio of int object at 0x7b6ce44bc2b0>
>>> i.as_integer_ratio()
(15, 1)
>>> tuple
<class 'tuple'>
>>> i.conjugate
<built-in method conjugate of int object at 0x7b6ce44bc2b0>
>>> i.conjugate()
15
>>> s.isalnum()
False
>>> help(isalnum)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'isalnum' is not defined
>>> help(s.isalnum)

>>> help(s.isalpha)

>>> s.isalpha()
False
>>> s = "hii"
>>> s.isalpha()
True
>>> help(s.isascii)

>>> s.isascii()
True
>>>
```

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>>> s.count('a')
2
>>> help(s.center)
>>> help(s.encode)
>>> s.encode()
b'rajlaxmi'
>>> help(s.endswith)
>>> help(s.expandtabs)
>>> s.expandtabs()
'rajlaxmi'
>>> s.expandtabs(10)
'rajlaxmi'
>>> s.expandtabs(100)
'rajlaxmi'
>>> help(s.find)
>>> s.find('x')
5
>>> s.find('x',0)
-1
>>> help(s.format_map)
File "<stdin>", line 1
help(s.format_map)
^
SyntaxError: unterminated string literal (detected at line 1)
>>> help(s.format_map)
>>> s.format_map()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: str.format_map() takes exactly one argument (0 given)
>>> s.format_map('x')
'rajlaxmi'
>>> s.format_map('z')
'rajlaxmi'
>>> s.format_map(5)
'rajlaxmi'
>>> s.format_map(-1)
'rajlaxmi'
>>> help(s.index)
>>> s.index('x')
5
>>> help(s.format)
>>> s.format()
'rajlaxmi'
>>> s.format('sggs')
'rajlaxmi'
>>> s
'rajlaxmi'
>>> s.format_map('sggs')
```

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>>> t = hit { ria}
File "<stdin>", line 1
t = hit { ria}
^
SyntaxError: Invalid syntax
>>> t = hit {ria}
File "<stdin>", line 1
t = hit {ria}
^
SyntaxError: Invalid syntax
>>> t = "hit {ria}"
>>> s = t.format('rajlaxmi')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
KeyError: 'ria'
>>> s = t.format(ria = 'rajlaxmi')
>>> s
'hit rajlaxmi'
>>> help(s.isalnum)
>>> s.isalnum()
False
>>> help(s.isalpha)
>>> s.isalpha()
False
>>> help(s.isascii)
>>> s.isascii()
True
>>> help(s.isdecimal)
>>> s = 10
>>> s.isdecimal()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
AttributeError: 'int' object has no attribute 'isdecimal'
>>> s = "sggs"
>>> s.isdecimal()
False
>>> s = "10"
>>> s.isdecimal()
True
>>> help(s.isdigit)
>>> s.isdigit()
True
>>> help(s.isidentifier)
>>> s = 'def'
>>> s.isidentifier()
True
>>> help(s.islower)
>>> s.islower()
True
```



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'hll everyone myself rajlaxmi'
>>> s.rstrip(20)
'hll everyone myself rajlaxmi'
>>> s = "sggs"
>>> s.rstrip(20)
'sggs'
>>> s = "sggs"
>>> s.rstrip(20)
'sggs'
>>> s.partition("everyone")
('hll ', 'sggs', '')
>>> s = 'hll everyone myself rajlaxmi'
>>>
>>> s.partition("everyone")
('hll ', 'everyone', ' myself rajlaxmi')
>>> s.partition("myself")
('hll everyone ', 'myself', ' rajlaxmi')
>>> s.split(",")
['hll everyone myself rajlaxmi']
>>> s = 'name, age , year'
>>> s.split(",")
['name', ' age ', ' year']
>>> s = 'sggs'
>>> s.rstrip()
'sggs'
>>> s.split(",")
['sggs']
>>> s = 'name, age , year'
>>> s.split(",")
['name', ' age ', ' year']
>>> s.splitlines(",")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: 'str' object cannot be interpreted as an integer
>>> s.splitlines()
['name, age , year']
>>> s = 'name\n year'
>>> s.splitlines()
['name', ' year']
>>> s.startswith('name')
True
>>> s = "sggs"
>>> s.strip()
'sggs'
>>> s.swapcase()
'SGGS'
>>> s = 'hll everyone myself rajlaxmi'
>>> s.title()
'Hll Everyone Myself Rajlaxmi'
>>> s.upper()
'Hll Everyone Myself Rajlaxmi'
>>> s = "10"
>>> s.zfill(5)
'00010'
>>>
```