

## Methods of String Object

### **capitalize()**

Return a copy of the string with only its first character capitalized.

```
'ict'.capitalize() →
```

### **count(*sub*)**

Return the number of occurrences of substring *sub* in string S.

```
'moon'.count('o') →
```

### **find(*sub*)**

Return the lowest index in the string where substring *sub* is found. Return -1 if *sub* is not found.

```
'moon'.find('o') →
```

```
'moon'.find('e') →
```

### **index(sub)**

Like find(), but raise ValueError when the substring is not found.

```
'moon'.index('o') →  
'moon'.index('e') →
```

### **isalnum()**

Return true if all characters in the string are alphanumeric and there is at least one character, false otherwise.

```
'ICT2'.isalnum() →  
'ICT_2'.isalnum() →
```

### **isalpha()**

Return true if all characters in the string are alphabetic and there is at least one character, false otherwise.

'ICT2'.isalpha() →

'ICT'.isalpha() →

### **isdigit()**

Return true if all characters in the string are digits and there is at least one character, false otherwise.

'01447'.isdigit() →

'987A'.isdigit() →

'987A'[:2].isdigit() →

### **isspace()**

Return true if there are only whitespace characters in the string and there is at least one character, false otherwise.

'014 47'.isspace() →

### **lower()**

Return a copy of the string converted to lowercase.

`'ICT2'.lower()` →

**replace**(*old*, *new*)

Return a copy of the string with all occurrences of substring *old* replaced by *new*..

`'1010'.replace('1','2')` →

`'house'.replace('h','m')` →

`'1010'.replace('0','00')` →

**split**(*[sep]*)

Return a list of the words in the string, using *sep* as the delimiter string.

`'We learn ICT'.split ()` →

`'www.ict.com'.split('.')` →

**strip**(*[chars]*)

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

```
' ICT '.strip() →  
'www.ict.com'.strip('.wcmo') →
```

### **upper()**

Return a copy of the string converted to uppercase.

```
'ict2'.upper() →
```

Find the output of after executing the following statements

```
print('www.example.com'.strip('cwo.m'))
```

```
print('We learn ICT'.split())
```

```
print('abc2efg2hij'.split('2'))
```

```
print('Aabcdabefabgh'.replace('ab',''))
```

```
print('Aabcdabefabgh'.find('ab'))
```

```
print('Aabcdabefabgh'.count('ab'))
```

```
print('Aabcdabefabgh'.index('abe'))
```

```
print(' example '.strip())
```