

Python String Functions - Quick Cheat Sheet

1. Case Conversion

- `s.upper()` → Converts to UPPERCASE
- `s.lower()` → Converts to lowercase
- `s.title()` → Capitalizes first letter of each word
- `s.capitalize()` → Capitalizes first character only
- `s.swapcase()` → Swaps uppercase to lowercase & vice versa

2. Whitespace & Character Removal

- `s.strip()` → Removes leading/trailing whitespace
- `s.lstrip()` → Removes left whitespace
- `s.rstrip()` → Removes right whitespace

3. Search & Check

- `s.find(x)` → Index of first occurrence (-1 if not found)
- `s.index(x)` → Like find but raises error if not found
- `s.count(x)` → Count occurrences
- `s.startswith(x)` → True if string starts with x
- `s.endswith(x)` → True if string ends with x
- `'x' in s` → Checks substring existence

4. Replace & Split

- `s.replace(a,b)` → Replace all occurrences of a with b
- `s.split(",")` → Splits into list by separator
- `"-".join(lst)` → Joins list into string

5. Alignment & Padding

- `s.center(n,"*")` → Centers with padding
- `s.ljust(n)` / `s.rjust(n)` → Left/right align
- `s.zfill(n)` → Pads with zeros (e.g., `"7".zfill(3)` → `"007"`)

6. Type Check Methods (Return True/False)

- `s.isalpha()`, `s.isdigit()`, `s.isalnum()`
- `s.islower()`, `s.isupper()`, `s.isspace()`, `s.istitle()`

7. Reverse String (Not a method)

- `s[::-1]` → Reverses string