**Built-in Functions of String**

Python provides many built-in string functions:

| **Function** | **Description** | **Example** |
| --- | --- | --- |
| len() | Length of string | len("Python") → 6 |
| lower() | Convert to lowercase | "Python".lower() → 'python' |
| upper() | Convert to uppercase | "Python".upper() → 'PYTHON' |
| strip() | Remove whitespace | " hello ".strip() → 'hello' |
| replace() | Replace substring | "hello".replace("l", "x") → 'hexxo' |
| find() | Find substring index | "hello".find("e") → 1 |
| split() | Split string into list | "a,b,c".split(",") → ['a','b','c'] |
| join() | Join list into string | ",".join(['a','b']) → 'a,b' |
| startswith() | Check if starts with | "hello".startswith("he") → True |
| endswith() | Check if ends with | "hello".endswith("o") → True |

✅ **Summary table:**

| **Topic** | **Summary** |
| --- | --- |
| break | Exits loop completely |
| continue | Skips current iteration |
| String Declaration | '...', "...", '''...''' |
| Indexing | str[0], str[-1] |
| Slicing | str[start:end:step] |
| Built-in Functions | len(), lower(), replace(), find(), etc. |