

String Formatting

What is String Formatting?

- String formatting allows us to **insert variables and values inside strings**.
- It makes the output **dynamic and readable**.

1. f-Strings (Python 3.6+):

- The most modern and easiest way.
- Write an **f** before the string and put variables inside **{}**.

2. format() Method:

- Works in all Python versions.
- Placeholders **{}** are replaced with values.
- You can also use index numbers.

3. % Operator (Old Style):

- Oldest method of formatting.
- **%s** → string
- **%d** → integer
- **%f** → float

Key Points:

- **f-strings** → recommended (fast, readable, modern).
- **format()** → useful for older Python versions.
- **% operator** → very old, rarely used now.