Python Input and Output Statements

Essential Concepts in Python

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Input Statements

Read Keyboard Input

- Python provides input() function to read keyboard input as strings.
- Numeric input is converted to appropriate data type for calculations.
- User interacts via keyboard input.
- String formatting is crucial for output readability.

Output Statements

Output Data

- print() function outputs data to the screen.
- Formatted string literals (f-strings) include expressions within strings.
- str.format() method offers string formatting with placeholders.
- Old-style string formatting with % operator resembles C language.

File Input and Output

Access Files

- Use open() function to start file operations.
- Reading methods like read(), readline(), readlines() for content access.
- Writing data to files using the write() method.
- Appending data to existing files with 'a' mode.