PYTHON NOTES: COMMENTS, ESCAPE SEQUENCES & PRINT()

COMMENTS IN PYTHON

Comments are text in a program that Python ignores.
They make your code easier to understand and maintain.

Types of Comments:

- **Single-line Comment**

  ```
  # This is a comment
  ```

- **Multi-line (Documentation style)**
  (Not an official comment type, but commonly used)

  ```
  """
  This is a multi-line comment style.
  Used to explain logic or document code.
  """
  ```

💡 **When to use comments?**

- To explain logic
- To describe functions or tricky code
- While debugging or testing

ESCAPE SEQUENCES

Escape sequences help format output inside strings.

Escape Code	Meaning	Example
\n	New line	"Hello\nWorld"
\t	Tab space	"A\tB"
\\	Backslash	"This is \\"
\"	Double quote inside string	"She said \"Hi\""

Escape Code	Meaning	Example
\'	Single quote inside string	'It\'s Python'

👍 **Example:**

```
print("Hello\nPython\nProgramming")

print("Name:\tDadus")

print("She said: \"Learning is fun!\"")
```

PRINT() FUNCTION

The print() function displays text or values.

Examples:

```
print("Hello Python")

print("Age:", 20)

print("Total =", 5 + 3)
```

You can combine text and variables:

```
name = "Dadus"
age = 19
print("My name is", name, "and I am", age, "years old.")
```