Exercise 50:

Python:

1. **Basic print() Function:**

Simply prints the data or value to the screen.

print("Hello, World!")

print(42)

1. **Using Variables with print():**

Prints the value of a variable.

name = "Alice"

print(name)

1. **String Concatenation in print():**

Combines strings and variables using + to print them together.

age = 25

print("Age: " + str(age))

1. **Comma Separation in print():**

Prints multiple values separated by spaces.

print("Name:", name, "Age:", age)

1. **Formatted Strings (f-strings):**

Introduced in Python 3.6+, allows embedding expressions inside string literals.

print(f"Name: {name}, Age: {age}")

1. **Using .format() Method:**

Allows inserting variables or expressions into strings.

print("Name: {}, Age: {}".format(name, age))

1. **Printing with Escape Characters:**

Adds special characters like newlines (\n) or tabs (\t).

print("Hello\nWorld")