**# Recursive Fibonacci with Step Count**

step\_count = 0

def fibonacci\_recursive(n):

global step\_count

step\_count += 1

if n <= 1:

return n

return fibonacci\_recursive(n - 1) + fibonacci\_recursive(n - 2)

# Input from the user

n = int(input("Enter the value of n: "))

result = fibonacci\_recursive(n)

print(f"Fibonacci({n}) = {result}")

print(f"Step Count: {step\_count}")

**# Iterative Fibonacci with Step Count**

def fibonacci\_iterative(n):

step\_count = 0 # Initialize step count

a, b = 0, 1

for i in range(n):

step\_count += 1 # Counting each loop iteration

a, b = b, a + b # Updating values of a and b

return a, step\_count

# Input from the user

n = int(input("Enter the value of n: "))

result, step\_count = fibonacci\_iterative(n)

print(f"Fibonacci({n}) = {result}")

print(f"Step Count (Iterative): {step\_count}")