def fibonacci\_recursive(n):

# Recursive Fibonacci function

if n == 0:

return 0

elif n == 1:

return 1

else:

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

# Get the number of terms from the user

n = int(input("Enter the number of terms: "))

# Print the Fibonacci series up to n terms

for i in range(n):

print(fibonacci\_recursive(i), end=" ")

def fibonacci\_iterative(n):

prev1, prev2 = 0, 1

# Print the first term if n >= 1

if n > 0:

print(prev1, end=" ")

# Print the second term if n >= 2

if n > 1:

print(prev2, end=" ")

# Calculate and print the remaining terms

for i in range(2, n):

current = prev1 + prev2

print(current, end=" ")

prev1 = prev2

prev2 = current

print()

# Get the number of terms from the user

n = int(input("Enter the number of terms: "))

# Print Fibonacci series up to n terms

fibonacci\_iterative(n)