### **6.)First *n* Fibonacci Numbers in a List**

def fibonacci\_list(n):

if n <= 0:

return []

elif n == 1:

return [0]

fib = [0, 1]

while len(fib) < n:

fib.append(fib[-1] + fib[-2])

return fib

# Example usage

n = 10

fib\_numbers = fibonacci\_list(n)

print(f"First {n} Fibonacci numbers:", fib\_numbers)

**Output:**

First 10 Fibonacci numbers: [0, 1, 1, 2, 3, 5, 8, 13, 21, 34]