**Problem Statement 10**

**Write a Python program to get the Fibonacci series between 0 to 50**

Note : The Fibonacci Sequence is the series of numbers :

0, 1, 1, 2, 3, 5, 8, 13, 21, ....

Every next number is found by adding up the two numbers before it.

Expected Output : 1 1 2 3 5 8 13 21 34

**def fibonacci\_series(limit):**

**fibonacci = [0, 1]**

**while True:**

**next\_number = fibonacci[-1] + fibonacci[-2]**

**if next\_number > limit:**

**break**

**fibonacci.append(next\_number)**

**return fibonacci**

**limit = 50**

**fibonacci = fibonacci\_series(limit)**

**print(fibonacci)**

**Output:**

A screenshot of a computer

Description automatically generated