**Task 4-Generator in Python**

**Task: Fibonacci Series Generator**

**Problem:**

Write a generator function called fibonacci\_generator that generates Fibonacci numbers up to a specified limit.

**Guidelines:**

* Create a Python script or Jupyter Notebook to write your code.
* Clearly label the solution to the problem.
* Add comments to explain your code where necessary.
* Test your code with various limits to ensure its correctness.
* Provide the output generated by your code as well.

**Example Output:**

Assuming the limit is set to 10, the generated Fibonacci sequence should be:

0 1 1 2 3 5 8 13 21 34



Ensure your generator function produces the expected Fibonacci sequence based on the specified limit. This assignment will help you strengthen your understanding of generators and the Fibonacci series in Python.