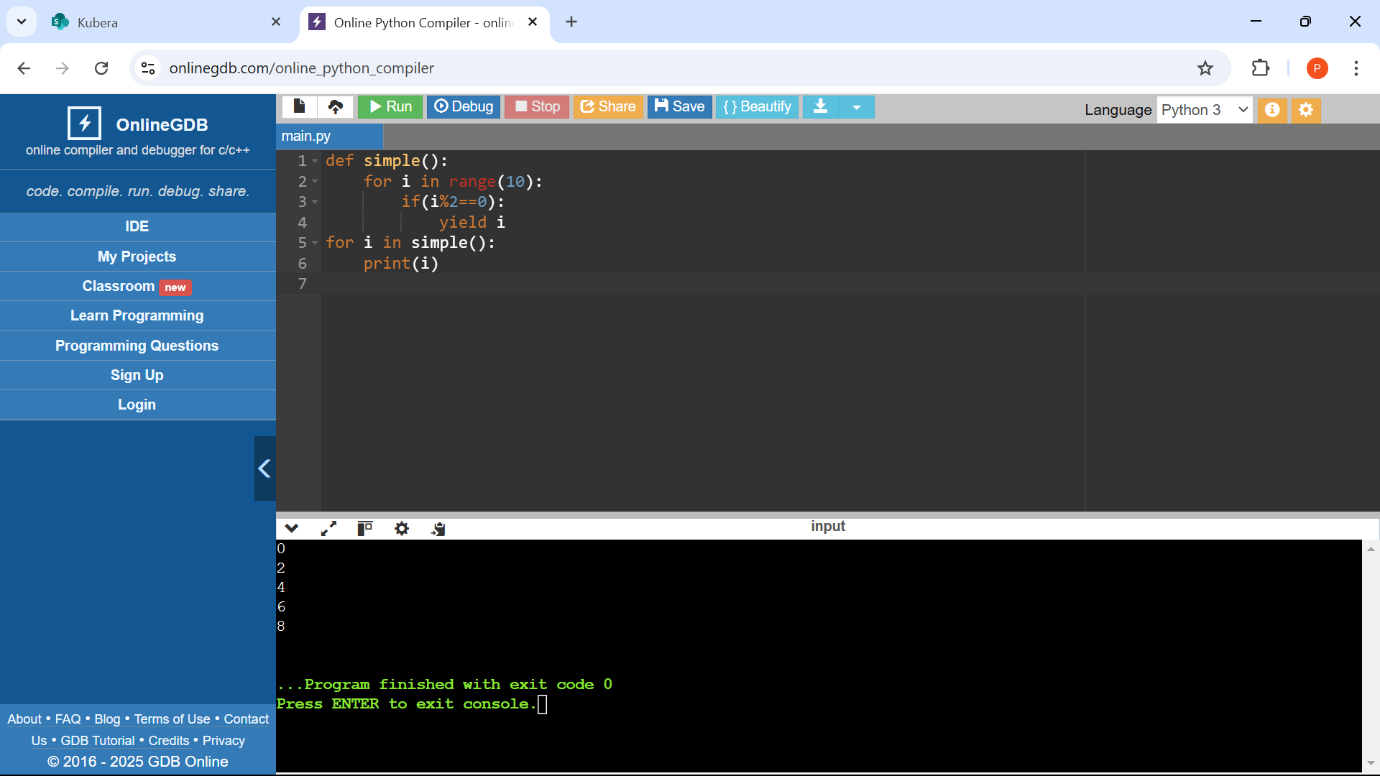
GENERATOR

1. Create Generator function in Python.



2. Use the multiple yield statement in the generator function.

A screenshot of a computer

Description automatically generated

3. List comprehension has returned the list of cube of elements whereas

generator expression has returned the reference of calculated value.

A screenshot of a computer

Description automatically generated

4. How can we retrieve values from a generator without using a for loop, and what function can be used to get the next value from the generator object?

A screenshot of a computer

Description automatically generated

5. Write a program to print the table of the given number using the generator.

A screenshot of a computer

Description automatically generated

6. Using the sys.getsizeof() function.

A screenshot of a computer

Description automatically generated7. illustrate how a generator can produce an infinite sequence without exhausting memory

A screenshot of a computer

Description automatically generated

Basic Project

8. Password Generator

A screenshot of a computer

Description automatically generated

9. To-Do List (CLI)

A screenshot of a computer screen

Description automatically generated

10. Weather App (API-based)

A screenshot of a computer

Description automatically generated

11. QR Code Generator

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

12. Number Guessing Game

A screenshot of a computer

Description automatically generated