# **Write a program/function in any Object-Oriented programming language (e.g., Java, C++, Python) that will implement Queue Abstract Data Type with the following functions/methods. Any build-in/pre-defined Queue function/library (e.g., java.util.Queue in Java) is NOT allowed to use in your code.**

* push(Element): insert the input Element (e.g., String or Integer in Java) to the end of the queue.
* pop(): remove/pop the head element of the queue and print the popped element on screen.
* count(): return the total number of elements in the queue

Steps for execution

1. Copy the code from ***“Advanced Software Paradigms\_CSCI\_6221\_10\_Sagar\_Sheth\_HW5.txt”.***
2. Open the below link in the web browser.
   1. <https://www.tutorialspoint.com/online_python_compiler.php>
3. Paste the Code in and Click on the Execute Button.

Text

Description automatically generated

1. The below output should be displayed on the terminal.

Text

Description automatically generated

Shape

Description automatically generated with low confidence

Text

Description automatically generated