

HW 3: Unit Testing

To begin, please fork the template repository provided on the course website. Make sure that your fork is public

Section 1: Prerequisite

Clone the forked repository onto your computer. This contains a correct implementation of `foo_bar_baz`, and an empty `pytest` test file.

Section 2: Homework Assignment

1. You are provided with a simple Python function named `foo_bar_baz`, which takes an integer `n` as input and returns a space-delimited string representing the `FooBarBaz` sequence. The sequence follows these rules:
 - Lists every number from 1 to `n`.
 - Replaces numbers divisible by 3 with "Foo".
 - Replaces numbers divisible by 5 with "Bar".
 - Replaces numbers divisible by both 3 and 5 with "Baz".
2. (30 points) Write a `pytest` Unit Test Case Suite to verify the correctness of the `foo_bar_baz` function. Ensure that your test suite:
 - Covers all cases (including edge cases) of the function.
 - Ensures the output is a correctly formatted space-delimited string.
3. Submit the repository URL on Gradescope.