

CS3023

Intermediate Programming

Lab 4 B

Name: _____

Question 1

Open the `cs3023_lab_4b_1.py` file. It contains three versions of the factorial function. Complete the main program to compare the execution time of the three versions.

Question 2

Open the `cs3023_lab_4b_2.py` file. It contains the `measure` function that returns possible combinations of weights and the item on a scale. We use the list to keep track of the combinations. Modify the function by using a set instead of a list. Keep the original `measure`. Name the new version `measure_s`.