

KEY CONCEPTS:

We can use the `while` loop to execute a set of statements as long as a condition is true.

Please look at https://www.w3schools.com/python/python_while_loops.asp for details if you need.

HOMEWORK:

Use a separate cell for each problem! Save the Python script file with name: *yourname_homework3.ipynb*

Problem 1:

Ask the user for a number n , and then print numbers from 1 to the n

Problem 2:

Ask the user for a number k and then print $k!$ (the factorial of the number k)

$k! = k(k-1)(k-2)\dots 1$

Problem 3*:

Ask the user for a number y and print all numbers between 1 and y that are divisible by 3

Problem 4*:

Ask the user for a number between 1 and 30 and print its times table