Tutorial 01 CS384 - Identify Meraki Number

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Write a Python program to check if a given input number is a Meraki number. A number is called Meraki number if all adjacent digits in it differ by 1. All **single digits** are **always** considered as Meraki number. Some examples of Meraki number are 0, 5, 10, 12, 78, 567, 101, 6787, 21012. E.g., 21012, (2-1=1), (1-0=1), (0-1=1 (mod value)), (1-2=1(mod value))

Your program must contain a user/programmer-defined function meraki_helper (n) that prints "yes" or "no" if the input number is Meraki or not along the number (e.g, . Yes - 12 is a Meraki number, OR No, 72 is Not a meraki number). Finally your program should print the count of meraki numbers and non meraki numbers. E.g., the input list contains 12 meraki and 9 non meraki numbers.

Deadline: 18th August 2021, 23:59
Output filename: tut01.py
Push to your Github.
Your code should execute on Online Python Compiler - online editor
Assume only +ve integers. Python 3 is mandatory.

input = [12, 14, 56, 78, 98, 54, 678, 134, 789, 0, 7, 5, 123, 45, 76345, 987654321]