Question :

Find The Product

Please read <u>important information</u> first.

Description

   You are given a list of numbers (number_list) and a size (batch_size).
   You are expected to find the consecutive numbers in the list with the maximum and minimum (that is not 0) product.
   (Ex : If batch_size is 5, you are expected to find the 5 consecutive numbers with maximum and minimum products)

User Inputs:

    • number_list : List of numbers. Range of numbers is [0, 9]
    • batch_size : Consecutive numbers to use in calculations. batch_size < len(number_list)

Warning: You should **not** take any user input, instead use the variables given to you.

Outputs:

    • Maximum product
    • Consecutive numbers used in calculation of the maximum product
    • Minumum product that is not 0
    • Consecutive numbers used in calculation of the minimum product

Warning: If there are multiple consecutive number combinations equal to maximum or minimum product, just output the first one (from left).

Warning: Check the example for output format.

Warning: You are **not** allowed to use any imports.

Examples:

number_list	batch_size	output
[7, 3, 1, 6, 7, 1, 7, 6, 5, 3, 1, 3, 3, 0, 6]	3	MAX : 210 NUMBERS : 7 6 5 MIN : 9 NUMBERS : 3 1 3
[9, 6, 9, 8, 3, 5, 2, 0, 3, 1, 2, 7, 7, 4, 5, 0, 6, 3, 2, 6, 2, 3, 9, 5, 7, 8, 3]	5	MAX : 11664

| | NUMBERS :
9
6
9
8
3

MIN : 216
NUMBERS :
3
2
6
2
3 |