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COMSC 140 Python

Program Documentation for

As7\_2\_Determine\_the\_sublist

1/ Link  
<https://github.com/DVC-COMSC/assignment-7-2-enduringwriter/blob/main/main.py>

2/ Program Purpose  
This program determines if a list is a sublist of another list.

Assumptions: Both lists contain integers only and are not empty.

3/ Input/Output Description  
Input: lists of integers  
Output: Boolean value

4/ Explanation of All Variables  
numbers1 = list of integers (sublist or not a sublist)

numbers2 = list to be checked against, integers

is\_sublist = boolean variable of checking if a list is a sublist of another list or not

num, j = counters and integers for each respective list

5/ Flow Chart  
Start > Input lists of integers > Assume both lists are of the same length and not empty > Loop through the potential sublist and check if it is a sublist of another list > Use boolean value to check if the list is a sublist or not > Output the boolean value > End

6/ Lesson Learned  
Check for sublist using outer and inner loop with a Boolean condition.

7/ Errors

Initially tried a while loop that didn’t work. Placed ‘else’ in the wrong location for a False sublist.