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COMSC 140 Python

Program Documentation for As. 5-1 Sum of Product of Two Lists

1/ Link

<https://github.com/DVC-COMSC/assignment-5-1-enduringwriter/blob/main/main.py>

2/ Program Purpose  
This program receives two lists and returns the sum of the sequential product of the respective values in each list.  
  
Assumption: both lists are the same length.

3/ Input/Output Description  
Input: Two lists of integers.  
Output: The sum of the sequential product of the respective values in each list.

4/ Explanation of All Variables  
l1 = First list of integers.  
l2 = Second list of integers.  
result = Sum of the products of the corresponding values in l1 and l2.

5/ Flow Chart  
Start > Input two lists of integers > Assume both lists are of the same length > Loop through one of the lists and multiply the associated values of the loop > Output the sum > End

6/ Lesson Learned  
Create a list comprehension.

7/ Errors

Forgot to include sum().