

OPEN EDITORS

percipio21_exercise_nam...

PYTHON

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```
1 # percipio21_exercise_name_reverser.py
2 # Percipio video: Collections, Mapping, & Looping; Exercise: Name Reverser
3 #
4 nl = '\n'
5 # Get user input of first and last name
6 # Print the names with reversed letters, but is the same word order
7 #
8 # Two Instructor Solutions
9 # First Solution
10 name = input('First and last name to reverse -> ') # name variable holds user data
11 words = name.split(" ") # split the name on a space with 'words' variable holding a list with the first name at
12 for word in words: #
13     lastindex = len(word) - 1 #
14     for index in range(lastindex, -1, -1): #
15         print(word[index], end=' ') #
16     print(end='\n') #
17 #
18 # second Solution
19 name = input('First and last name to reverse -> ') # name variable holds user data
20 first, last = name.split() # the 'first' variable and 'last' variable will hold the first name and last name
21 print(first[::-1], last[::-1]) # uses python slicing
22 '''
23 RESULTS:
24 First and last name to reverse ->
25 '''
```