

manipulation PY



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```
1 # Ask the user to enter a sentence
2 str_manip = input("Please enter a sentence: ")
3
4 # Calculate and display the length of str_manip
5 length_of_str = len(str_manip)
6 print(f"The length of your sentence is: {length_of_str}")
7
8 # Find the last letter in str_manip and replace every occurrence
9 # of this letter with '@'
10 last_letter = str_manip[-1]
11 str_replaced = str_manip.replace(last_letter, "@")
12 print(f"Sentence after replacing '{last_letter}' with '@': {str_replaced}")
13
14 # Print the last 3 characters in str_manip backwards
15 last_three_reversed = str_manip[-3:][::-1]
16 print(f"The last three characters in reverse are: {last_three_reversed}")
17
18 # Create a five-letter word using the first three and the last two
19 # characters of str_manip
20 five_letter_word = str_manip[:3] + str_manip[-2:]
21 print(f"The new five-letter word is: {five_letter_word}")
```