

TO PASS 80% or higher

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GRADE 100%

Module 4 Graded Assessment

LATEST SUBMISSION GRADE

100%

1. The format_address function separates out parts of the address string into new strings: house_number and street_name, and returns: "house number X on street named Y". The format of the input string is: numeric house number, followed by the street name which may contain numbers, but never by themselves, and could be several words long, For example, "123 Main Street", "1001 1st Ave", or "55 North Center Drive". Fill in the gaps to complete this function.

1/1 point

✓ Correct

Great work! You've remembered how to work with string methods and use variables for formatting output

The highlight_word function changes the given word in a sentence to its upper-case version. For example, highlight_word("Have a nice day", "nice") returns "Have a NICE day". Can you write this function in just one line? 1/1 point

3. A professor with two assistants, Jamie and Drew, wants an attendance list of the students, in the order that they arrived in the classroom. Drew was the first one to note which students arrived, and then Jamie took over. After the class, they each entered their lists into the computer and emailed them to the professor, who needs to combine them into one, in the order of each student's arrival. Jamie emailed a follow-up, saying that her list is in reverse order. Complete the steps to combine them into one list as follows: the contents of Drew's list, followed by Jamie's list in reverse order, to get an accurate list of the students as they arrived.

1 / 1 point

Excellent! You're using the list functions correctly, and it shows!

Use a list comprehension to create a list of squared numbers (n*n). The function receives the variables
 start and end, and returns a list of squares of consecutive numbers between start and end inclusively. For
 example, squares(2, 3) should return [4, 9].

1 / 1 point

5. Complete the code to iterate through the keys and values of the car_prices dictionary, printing out some information about each one.

1/1 point

6. Taylor and Rory are hosting a party. They sent out invitations, and each one collected responses into dictionaries, with names of their friends and how many guests each friend is bringing. Each dictionary is a partial list, but Rory's list has more current information about the number of guests. Fill in the blanks to

combine both dictionaries into one, with each friend listed only once, and the number of guests from Rory's dictionary taking precedence, if a name is included in both dictionaries. Then print the resulting

You got it! You've correctly gone through the items of the

✓ Correct

dictionary.

dictionary!

1/1 point

You nailed it! You've figured out the best way to call the update() method, to have the values from the first

dictionary added or updated over the second dictionary

7. Use a dictionary to count the frequency of letters in the input string. Only letters should be counted, not blank spaces, numbers, or punctuation. Upper case should be considered the same as lower case. For example, count_letters("This is a sentence.") should return {'t': 2, 'h': 1, 'i': 2, 's': 3, 'a': 1, 'e': 3, 'n': 2, 'c': 1}.

1/1 point

