



Name:.....

13/01/2026

The Final Exam in Python

Exercise1 : (6 points) Choose the correct answer.

1-How do you get the length of a list named my_list?

a) len(my_list) b) my_list.length() c) length(my_list) d) my_list.len()

2-Which function converts a string to lowercase?

a) lower() b) tolower() c) casefold() d) downcase()

3-What does "Hello".replace("l", "p") return?

a) "Heplo" b) "Heppo" c) "Helpo" d) "Hepll"

4- What is the output of {"a": 1, "b": 2}.keys()?

a) ["a", "b"] b) dict_keys(["a", "b"]) c) ["a": 1, "b": 2] d) [1, 2]

5-What does range(5) generate?

a) [0, 1, 2, 3, 4] b) [1, 2, 3, 4, 5] c) [0, 1, 2, 3, 4, 5] d) [1, 2, 3, 4]

6- What is the output of [x*2 for x in range(3)]?

a) [0, 1, 2] b) [0, 2, 4] c) [2, 4, 6] d) [0, 2, 4, 6]

Exercise2: (9 points)

A)Provide the outputs of the following Python codes

letters = ['a', 'b', 'c', 'd', 'e', 'f', 'g']

print(letters[::2])

.....

print(letters[1::2])

.....

print(letters[2:5:2])

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B) Correct this code by fixing the syntax errors, and provide the output after running it:

for num in range(1, 16)

 if num % 2 = 0

 prent(num, end=" ")

the correct code:

3: Exercise (5 points)

Write a code that, from the list: `list1 = [5, 17, 76, 36, 88, 25, 93, 46, 66]`, returns a new list (`list2`) containing only numbers greater than 50, while preserving the original order

Answer:

Good Luck.

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The model answer for first-term examination in Python

Exercise 1		Points
1	a) len(my_list) - len() function returns the length	1
2	a) lower() - Converts all characters to lowercase	1
3	a) or b) "Heppo" - Replaces all 'l' with 'p' (note: there are two 'l's in "Hello")	1
4	b)dict_keys(["a", "b"]) - Returns a view object of keys	1
5	a) [0, 1, 2, 3, 4] - range(5) generates numbers from 0 to 4	1
6	b) [0, 2, 4] - Multiplies each element in range(3) by 2: 0×2=0, 1×2=2, 2×2=4	1
Total		6

Exercise 2		Points
A-	['a', 'c', 'e', 'g']	1
	['b', 'd', 'f']	1
	['c', 'e']	1
B-		
	for num in range(1, 16): if num % 2 == 0: print(num, end=" ")	5
The output:		
	2 4 6 8 10 12 14	1
Total		9

Exercise 3		Points
	list1 = [5, 17, 76, 36, 88, 25, 93, 46, 66]	0.5
	list2 = []	1
	for item in list1:	1
	if item > 50:	1
	list2.append(item)	1
	print(list2)	1
Total		0.5
		5