

Week 5: Object Oriented[Course](#) > [Programming](#)> [Problem Set 5](#) >

Problem 2 - PlaintextMessage

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0.0/15.0 points (graded)

For this problem, the graders will use our implementation of the `Message` class, so don't worry if you did not get the previous parts correct.

`PlaintextMessage` is a subclass of `Message` and has methods to encode a string using a specified shift value. Our class will always create an encoded version of the message, and will have methods for changing the encoding.

Implement the methods in the class `PlaintextMessage` according to the specifications in ps6.py. The methods you should fill in are:

- `__init__(self, text, shift)`: Use the parent class constructor to make your code more concise.
- The getter method `get_shift(self)`
- The getter method `get_encrypting_dict(self)`: This should return a COPY of `self.encrypting_dict` to prevent someone from mutating the original dictionary.
- The getter method `get_message_text_encrypted(self)`
- `change_shift(self, shift)`: Think about what other methods you can use to make this easier. It shouldn't take more than a couple lines of code.

Paste your implementation of the entire `PlaintextMessage` class in the box below.

1



Press ESC then TAB or click outside of the code editor to exit

Unanswered

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You have used 0 of 30 attempts

## Problem 2 - PlaintextMessage

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<div><div>?</div><div>'Test 5 : Testing change shift with a 15 shift'</div><div>Hello, This particular test is the only one giving me an error. My output is : 'encrypting_dict att...</div></div>	1
<div><div>?</div><div>confused with the change shift docstring</div><div>i dont understand what to do with change shift please anyone help</div></div>	10
<div><div></div><div>Change Shift tests random shift is only error</div><div>Been trying to find someone with same error but no such luck. Not sure how it is possible to ...</div></div>	5
<div><div>?</div><div>Grader error?</div><div>Everything on my IDE resulted fine, but for test 5 and 6 the grader gives me errors. encryptin...</div></div>	2
<div><div></div><div>Is it possible to 'update' the class instance by calling init again?</div><div>I'm doing the `def change_shift(self, shift)` method and surely it can be done by manually res...</div></div>	3



?	<u>HELP!! What's wrong with my codes??</u>	3
	Hi all, I initialize PlaintextMessage as: (( Snip: please do not post PSET code )) (( Instead, descri...	
?	<u>Don't know what is wrong with this??</u>	2
	i am writing the <code>** init **</code> method for class PlaintextMessage( ), and i am adding <code>**self.v...</code>	
💬	<u>Where is my error in get_encrypting_dict ?</u>	3
	`(( Snip: please post no more than a couple of lines of PSET code ))`   `(( Instead, describe...	
?	<u>Intepreter bug?</u>	7
	Hello, I just tested my code in my IDE . It work fine .But when I tried to submit my code , I got ...	
?	<u>tttributeError: 'int' object has no attribute 'shift'</u>	2
	In my code every method other than change_shift works. Regarding change_shift, I am confu...	
💬	<u>I lied. New issue: AttributeError: 'str' object has no attribute 'build_shift_dict'</u>	5
	I don't know where this is coming from, it seems to be from the grader's own code. When I ru...	
?	<u>NameError: name 'Message' is not defined</u>	5
	This is what I get: Traceback (most recent call last): File "submission.py", line 115, in <module...	
?	<u>Question regarding the coding of change_shift not clear</u>	2
	Hi, def change_shift(self, shift): ''' Changes self.shift of the PlaintextMessage and updates oth...	
💬	<u>AttributeError: 'PlaintextMessage' object has no attribute 'encrypting_dict'</u>	4
	Hi. I got everything right except for this one item. The program tested with a message and a ...	
?	<u>Test: 2 2 get_encrypting_dict Testing get_encrypting_dict with message "1.hello!!"</u>	3
	I have only one error but I do not know how to fix it ?! how can I test it without a given shift v...	
✓	<u>__init__() missing 1 positional argument...why?</u>	8
	I initialize PlainTextMessage() as: def __init__(self, text, shift): (( Snip: please do not post PSET c...	
💬	<u>Test case 2 Should make a copy of encrypting_dict.</u>	2
	Should make a copy of encrypting_dict. i am stuck in this test case.please help	
?	<u>Weird error message on Plaintextmessage</u>	3
	Evervthing comes out correct except for this: Test: 2 2 get encrvpting dict Testing get encrvpti...	

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