

# Rhyme

5/21/2024

20 Points Possible

Attempt 1



In Progress

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## Unlimited Attempts Allowed

5/14/2024 to 5/22/2024

### ▼ Details

In this assignment you will write a program that uses functions to print the lyrics of a famous nursery rhyme

([rhyme.txt \(https://bc.instructure.com/courses/2444521/files/244990078/download?wrap=1\)](https://bc.instructure.com/courses/2444521/files/244990078/download?wrap=1)).  ([https://bc.instructure.com/courses/2444521/files/244990078/download?download\\_frd=1](https://bc.instructure.com/courses/2444521/files/244990078/download?download_frd=1)) ):

"Old MacDonald"

Old MacDonald had a farm  
Ee i ee i o  
And on his farm he had some cows  
Ee i ee i o  
With a moo-moo here  
And a moo-moo there  
Here a moo, there a moo  
Everywhere a moo-moo  
Old MacDonald had a farm  
Ee i ee i o


Old MacDonald had a farm  
Ee i ee i o  
And on his farm he had some chicks  
Ee i ee i o  
With a cluck-cluck here  
And a cluck-cluck there  
Here a cluck, there a cluck  
Everywhere a cluck-cluck  
Old MacDonald had a farm  
Ee i ee i o

Old MacDonald had a farm  
Ee i ee i o  
And on his farm he had some ducks  
Ee i ee i o  
With a quack-quack here  
And a quack-quack there  
Here a quack, there a quack  
Everywhere a quack-quack  
Old MacDonald had a farm  
Ee i ee i o

As you can see there is a lot of repetition in the lyrics. We will use functions to structure our code to manage the repetition. Specifically, write a program that has 3 functions defined

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- **printRefrain** function: This function doesn't have any arguments and it simply prints the repeated first two lines of the rhyme.
- **printVerse** function: This function accepts two arguments: the name of the animal and the sound of that animal. This function prints an individual verse from the rhyme for the given animal. To avoid code duplication, **printVerse** calls the **printRefrain** function.
- **main** function: This function accepts no arguments and calls the **printVerse** function with appropriate arguments to print the complete lyrics.

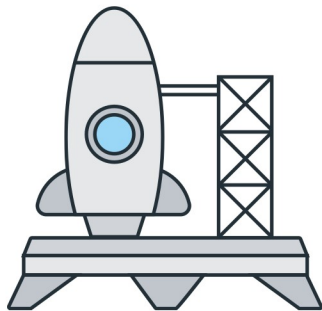
Remember to call the main function at the end. For full credit, make sure your program has no code duplication and produces exact same lyrics as shown above (found in [rhyme.txt \(https://bc.instructure.com/courses/2444521/files/244990078/download?wrap=1\)](https://bc.instructure.com/courses/2444521/files/244990078/download?wrap=1)  ([https://bc.instructure.com/courses/2444521/files/244990078/download?download\\_frd=1](https://bc.instructure.com/courses/2444521/files/244990078/download?download_frd=1)) file).

Save your program in a file with a name of the form: first\_last\_rhyme.py. Make sure to add a block-comment at the start of the file that lists assignment title, class name, date, your name, and assignment description.

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