Twinkle, twinkle little sequence

Predict

Take a look at the code below. Read it carefully and try to make a prediction about what might happen when this code is executed.

```
from time import sleep
1
2
    def twinkle():
3
         print("Twinkle, twinkle little star")
4
         sleep(3)
5
         print("How I wonder what you are")
6
         sleep(3)
7
8
    def upabove():
9
         print("Up above the world so high")
10
         print("Like a diamond in the sky")
11
12
    twinkle()
13
```

created stateme	for Python and	allows you to us	e it without kno	wing the code be	taken from a mo chind it. The impo ng it with your pro	rt
Write y	our prediction	in the box belov	w:			

Run

(https://replit.com/@awade05/twinkle	etwinkle#main.py) if needed.
Was your prediction correct? Did any below:	thing unexpected happen? Write down your thoughts
Investigate	
Questions/activities	Your answers ▽
When you execute the code (click run), what is displayed on the screen?	
Which line contains the subroutine call for twinkle() ?	

Open and ${\bf run}$ the file with this code. Here's a ${\bf copy\ code}$

Why does the program not display the rest of the nursery rhyme?			
On line 5, change:			
sleep(3)			
to			
sleep(7)			
What happens when you run the code?			
Note: Make sure that you change it back to 3.			
What do you think the sleep subroutine is doing?			
Remove the code from line 1 and run the code. What happens?			
Note: Make sure that you put the line of code back in before moving on.			
Modify			
Activities Hi	nts⊽		

Add a line of code that will call the upabove() subroutine.	Think about the sequence of the song. Where should the subroutine be called?		
	Run your code to test that it works as expected.		
Add two new sleep function calls that will pause the program for the correct amount of time.	Perhaps sing the song in your head to get the timings right.		
	Think carefully about where the sleep calls need to be placed.		
	Remember the importance of indentation and brackets.		
Your code is still not complete. Add one more line of code to make the entire nursery rhyme appear when the program is executed.	You will need to use one of your subroutines twice. But which one?		
Test that your code works correctly.	Here are some common errors that might occur:		
	Missing brackets		
	Missing indentation		
	☐ Incorrect spelling of subroutine calls		

Make

•	Pick one of your favorite songs. Find the lyrics for the song and split those lyrics into
the	verses and the chorus

- Create a subroutine for each verse and the chorus.
- Add the sleep function to pause the line in the song for the correct amount of time.
- Call the subroutines in the correct order.