Programming Assignment 5
Due: Friday, May 22

Write a Python program that prints the lyrics for the entire song (10 verses), "The ants go marching" with as few lines of code as possible. You can find the entire song in ants.txt on the course website.

Your implementation should make use of multiple functions and avoid redundant blocks of code. A reasonable target would be 25 lines of code total (excluding comments and blank lines). You will receive full credit if your output matches mine exactly AND you use no more than 30 lines of code.

The following figure shows the first three verses of the program.

```
dhcp-220-191:programs theresamigler-vondollen$ python3 ants.py
The ants go marching one by one, hurrah! Hurrah!
The ants go marching one by one, hurrah! Hurrah!
The ants go marching one by one,
The little one stops to suck his thumb,
And they all go marching down...
In the ground...
To get out...
Of the rain.
Boom! Boom! Boom!
The ants go marching two by two, hurrah! Hurrah!
The ants go marching two by two, hurrah! Hurrah!
The ants go marching two by two,
The little one stops to tie his shoe,
And they all go marching down...
In the ground...
To get out...
Of the rain.
Boom! Boom! Boom!
The ants go marching three by three, hurrah! Hurrah!
The ants go marching three by three, hurrah! Hurrah!
The ants go marching three by three,
The little one stops to climb a tree,
And they all go marching down...
In the ground...
To get out...
Of the rain.
Boom! Boom! Boom!
```

Make sure that your output matches mine *exactly*.

Call your script `ants.py`

Every program that you submit in this class should begin with a comment block resembling the model below.

```
# your name
# your userid@ucsc.edu
# programming assignment 5
# a short description of what the program does
```

Test your program thoroughly. Attach the file `ants.py` to Programming Assignment 5 on eCommons.