1) How do you print just the first letter of "hello"?
2) How do you print just the last letter of "hello"?
3) Create a list foo, with the following values: 25, 68, "bar", 89.45, 789, "spam", 0, "last item".
4) Print the 1st to 3rd item in the list foo.
5) Print the 3rd to last item in the list foo.
6) Print the 2nd to the 2nd to last item in the list foo.
7) Copy the entire foo list to a new list named bar.
8) Create a new list snafu, which contains the lists foo and bar as elements.
9) Print the first item of snafu.
10) Print the second item of the first list in snafu.
11) Print the third item to the last item of the second list in snafu.
12) Change the first item in the foo list to 12.
13) Now multiply the first item in the foo list by 2 (i.e., change the value within the list).
14) Test whether "ham" is in the list foo.
15) Append the value 24 to the list foo.
16) Insert the value "twenty" to the list foo as the 4th item.
17) Find the index of "spam" in the list foo.
18) Remove the last item from foo, and store it as a new variable.
19) Append the following values to foo: 89, 23.4, 1.
20) Create a new list headlessfoo with the same contents as foo, but containing all but the first element.
21) Create a list of five numbers of your choice, num.
22) Create a new list, sqnum, of the numbers in num squared. (Hint: list comprehensions!)