MTH 337 Intro to Scientific computing
SAMPLE QUIZ #3

Fall 2020   Instructor: Simone Cassani

The Sample Quiz is for you to practice for the quiz that will be at the end of class on Monday on Gradescope.

(1) Write the code that will print each character of the string `mystr` until it reaches the character `'a'`

(2) Use the `range()` function to build a list of the integer numbers from -7 to 22 skipping every other number.

(3) Write a function `myfun()` that takes two parameters `w` and `k` and returns the largest of the two numbers.

(4) Write a function `myfun` with a parameter `n` that returns all of the integers that are less than `n` ending with 7

(5) Given the list `mylist=[1,2,3,4,5,6]`, write the code to add the number 9 in-between 3 and 4

(6) Given the list `mylist=[1,2,3,4,5,6]`, write the code to obtain the subslists `[4,5,6]`, `[3,4,5]`, `[1,3,5]` using list slicing

(7) Given the nested list `mylist=[[1,2],[3,4],[5,6]]`, write the code to get the elements `[1,2]`, and `5`

(8) The following code has one or more errors in it. Fix it

```
k=6

for x in range(k)
    print k+1
```