MTH 337 Intro to Scientific computing
SAMPLE QUIZ #3

Spring 2021   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) The following code has one or more errors in it. Fix it

```
k=6

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

(6) write the code that starting from the number `k=3` will print all the powers of 3 up to 3^4 (use a for loop)

(7) write the code that starting from the number `k=3` will print all the powers of 3 up to 3^4 (use a while loop)

(8) write the code that given a string `mystring` will print all characters of the string that are "a" or "e"