1. Create a string and print its length using the len() function.

2. Create two strings, concatenate them, and print the resulting string.

3. Create two strings and use concatenation to add a space in between them. Then print the result.

4. Print the string "zing" by using slice notation on the string "bazinga" to specify the correct range of characters.

5. Write a script that converts the following strings to lowercase:

 "Animals", "Badger", "Honey Bee", "Honeybadger".

Print each lowercase string on a separate line.

6. Repeat Exercise 1 but convert each string to uppercase instead of lowercase.

7. Write a script that removes whitespace from the following strings:

string1 = "   Filet Mignon"

string2 = "Brisket   "

x	y
1	3
2	4
3	2
4	4
5	5

mean: x 3   3.6   mean : y

$$m = \sum \frac{(x - \bar{x})(y - \bar{y})}{(x - \bar{x})^2}$$