

# String Types - Exercises

## Exercise 1:

Store the word "blah" into a variable and make a repetition of it 10 times (because you're tired of hearing what somebody is saying).

## Exercise 2:

Make a variable with the phrase "Today is a nice day" and then slice the variable to only show the part of the string "nice".

## Exercise 3:

Make 2 variables - one with your high school's name and the other with your high school's mascot (if this does not apply to you, then use "East High School" as the school and "Wildcats" as the mascot). Then using the `.format()` function, print out the sentence, "I went to [school] and the mascot was a [mascot]."

## Exercise 4:

Using the variable you made in Exercise 2, make all the letters uppercase. Then use that variable again and make the string lowercase.

## Exercise 5:

Using the variable in the previous exercise, check to see if the string has all alphabetical characters.

## Exercise 6:

Using the variable in Exercise 2, use the `.find()` function to see if the string contains the word "not".

## Exercise 7:

Using the variable in the previous exercise, use the `.startswith()` function to see if the string starts with the word "Today".

### **Exercise 8:**

Using the variable from the previous exercise, use the `.replace()` function to substitute any of the words in the string.

### **Exercise 9:**

Make a variable that holds the string, "Hello world. My name is [insert your name]. I am in the Immersive Data Analytics class." Then use the `.split()` function to separate the string by the period symbol(.)

### **Exercise 10:**

Make a variable that holds the string, " too much white space ". Remove the whitespace in 3 ways - using the `.rstrip()`, `.lstrip()`, and `.strip()` functions.

### **Exercise 11:**

Make a string that holds the words, "Python", "Java", "PHP", "Perl", "Javascript", "C++". Put each word on a newline and tab the word on every other line.

### **Exercise 12:**

Using the `input()` function, create a prompt that asks for your favorite color. Then print out a statement that says, "My favorite color is [color]."