

String Traversal

This notebook demonstrates how you can use the for construct to traverse a string. The ``for construct can be applied to go through each character in a string and process it as desired.

In [1]:

```
'''
Write a program to traverse a string and count the number of times the character 'b' appears in it
'''
my_str = input('Enter a string: ')
b_count = 0

#In each iteration of the loop, the next character in my_str is assigned to the variable `cur_char`
for cur_char in my_str:
    if cur_char == 'b':
        b_count +=1
print('The number of times "b" appears in the input string is:', str(b_count))
```

Enter a string: big boy in the blue car in the back alley
The number of times "b" appears in the input string is: 4