

LAB 1

Problem 1:

Given the string:

```
s = 'Lexicon'
```

Use indexing to print the out the followinf:

```
'L'
```

```
'n'
```

```
'Lexi'
```

```
'con'
```

```
'on'
```

Bonus: Use indexing to reverse the string

Problem 2:

Given this nested list:

```
my_list = [3,7,[1,4,'hello']]
```

Reassign "hello" to be "goodbye"

Problem 3:

Using keys and indexing, grab the 'hello' from the following dictionaries: d1 = {

```
'simple_key':'hello'} d2 = {'k1':{'k2':'hello'}} d3 = {'k1':[{'nest_key':['this is deep',['hello']]]}]}
```

Problem 4:

Use a set to find the unique values of the list below: my_list = [1,1,1,1,1,2,2,2,2,3,3,3,3]

Problem 5:

You are given two variables: age = 4 name = "Sammy"

Use print formatting to print the following string: "Hello my dog's name is Bobby and he is 4 years old"

Good luck!