

1 . Given the string

```
s = 'Python'
```

Use indexing to print the following:

Output:

```
'o'
```

```
'Pyth'
```

```
'yth'
```

```
'nohtyP'
```

2 . Given the nested list:

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

Reassign "hello" to be "goodbye"

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']]]}]}
```

4 . Use a set to find the unique values of the list below:

```
mylist = [1,1,1,1,1,2,2,2,2,3,3,3,3]
```

5. You are given two variables:

```
age = 4  
name = "Sammy"
```

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

When you are done with that you can continue watching this video from pluralsight or sit with codingbat/HackerRank:

<https://app.pluralsight.com/library/courses/python-3-fundamentals/table-of-contents>

You could also test the exercises in W3schools, Codecademy or LeetCode:

https://www.w3schools.com/python/python_exercises.asp

<https://www.codecademy.com/>

<https://leetcode.com/>

Good luck!

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