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## Basic Python

### 1. Split this string

```
[ ] s = "Hi there Sam!"
```

```
[ ] s="Hi there Sam!"  
x=s.split()  
print(x)
```

```
['Hi', 'there', 'Sam!']
```

### 2. Use .format() to print the following string.

Output should be: The diameter of Earth is 12742 kilometers.

```
[ ] planet = "Earth"  
diameter = 12742
```

```
[ ] print("The diameter of {} is {} kilometers".format('Earth','12742'))
```

```
The diameter of Earth is 12742 kilometers
```

### 3. In this nest dictionary grab the word "hello"

```
[ ] d = {'k1':[1,2,3,{'tricky':['oh','man','inception',{'target':[1,2,3,'hello']}]}]}
```