



Pandas: Python Code Drill Day Day 1

FinTech
Lesson 2.3



For Loop Anatomy


For Loop Anatomy

Defining the `for` statement with a variable and iterator:

```
1  
2  
3  for x in range(10):  
4      print(x)  
5  
6  
7  
8  
9
```

For Loop Anatomy

Defining the `for` statement with a variable and iterator:




Using `for` defines the statement. A variable `x` is required. This receives each value from the iterator. The iterator `range(10)` is required and is used to repeat the loop.

```
1
2
3  for x in range(10):
4      print(x)
5
6
7
8
9
```

Function Anatomy

Defining the `for` statement with a variable and iterator:

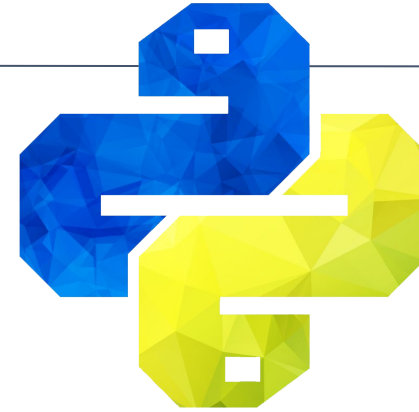
The code block
`print(x)` underneath
the `for` statement is
repeated with each
iteration.



```
1  
2  
3   for x in range(10):  
4       print(x)  
5  
6  
7  
8  
9
```

Function Anatomy

Showcasing the Python iterator and output:



```
1
2
3  for x in range(10):
4      print(x)
5
6
7
8
9
```

```
[1]: for x in range(10):
      print(x)
0
1
2
3
4
5
6
7
8
9
```

The background is a dark, textured surface composed of a repeating pattern of triangles in various shades of black and dark gray, creating a subtle 3D effect.

Questions?