

PYTHON SECTION SIX

Introduction to Python | Loops | Pragmatic Agility

REPEAT

- Repeat blocks of code
 - Similar in concept to a function
- While loop
 - Repeat until a condition is false
- For loop
 - Iterate over iterable objects

ALTERATIONS

- Break
 - Exit a loop block
- Continue
 - Skip to the next iteration
- Commonly used with if statements

ITERATION

- for item in [one, two]
 - The value of item changes as the block of code repeats
- for num in range(1,10)
 - The value of num increments each loop

QUICK EXAMPLES

```
for num in range(0, 12, 2):  
    print(num)
```

```
for item in ['1', '2', '3', '4', '5']:  
    print(item)
```

```
C:\Python38\python.exe
```

```
0  
2  
4  
6  
8  
10
```

```
C:\Python38\python.exe
```

```
1  
2  
3  
4  
5
```