

1. Generates sequence of numbers from a start to stop with an increment
2. `X = 0`  
While `x < 5`:  
    `X += 1`  
    `print(x)`  
Counts from 1 to 5
3. `Colors = ["red", "blue", "yellow"]`  
For color in colors:  
    `print(color)`  
Prints red blue and yellow
4. `X = 5`  
    `Y = 6`  
    `print(x = y and x < y)`  
Prints false
5. `X = 5`  
    `Y = 6`  
    `print(x = y or x < y)`  
Prints true

And, or, if, elif, else

Def

Return specifies a functions output, print displays it in the console

The argument is the input of a function

From <filename> import <function>

```
Colors = ["red", "blue", "yellow"]
For color in colors:
    print(color)
```

```
List = [40, 80, 10, 30, 50, 20]
```

```
Def minimum_value(list):
    Return min(list)
```

```
Def maximum_value(list):
    Return max(list)
```

```
Min = minimum_value(list)
Max = maximum_value(list)
```

```
Def count_letters(text):
    Count = 0
    For character in text:
        If character.isalpha():
            Count += 1
    Return count

Def count_to_ten():
    Num = 1
    While num <= 10:
        print(num)
        Num += 1

Def is_multiple_of_3_or_5(n):
    Return n % 3 == 0 or n % 5 == 0
```