1. What are the main functional differences between a while and a for?

* For loop allows us to run a loop for a certain amount of times that we know in advanced. For instance, you can run a loop in 10 times
* While look offers you more flexibility. You will use While loop when you need to repeat something until a given condition is False.

1. What’s the difference between break and continue?

* Break: Jumps out of the entire loop statement
* Continue: Jumps to the loop’s header line

1. When is a loop’s else clause executed?

* If the break isn’t used, else will be executed after the end of the loop.

1. How can you code a counter-based loop in Python?

* Loop n times:

+ while (i < n): … i += 1

+ for i in range(n)

1. What can a range be used for in a for loop?

* The range is used to execute the certain number of times for a for loop.

For instance: if we write for i in range(5), python will understand that we need to run something for 5 times.