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.