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

A while loop will continue to do its statement as long as its condition for operation is true.

For a for loop, you will know exactly how many times the loop will run.

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

The break statement will break the loop, skip everything left. The continue statement will go to the top of the loop immediately.

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

if we don’t hit a ‘break’/ none of the condition for the “if” statement match.

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

count = 0

while count < 5:

print(count)

count+=1

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

They provide a simple way to repeat an action a specific number of times.