Session 04

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

* For loop is used when user know exactly how many time to iterate, while loop is used when user don’t know how many time to iterate, it will run until condition is false or break
* After while is condition, after for is variable

1. What is the difference between break and continue?

* Break: Jumps out of the closest enclosing loop (skip everythings left)
* Continue: Jumps to the top of the closest enclosing loop (to the loop’s header line)

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

* Else clause is executed when control exits the loop without a break statement being

encountered.

1. How can you code a counter-based loop in Python?
2. What can a range be used for in a for loop?

* Rang is used to count the number of iteraction in a for loop