

Python - Week 8 Exercises (While Loops)

- 1) Create a Python script that asks the user for his input, and then it outputs the name in reverse order using while loops.
- 2) Create a program that has an infinite while loop. The infinite loop will ask the question "Please enter your secret key" repeatedly, and whether answer it with "Wrong key" if the key is wrong, or "Correct Key, Bye!" and exists the program if the key is correct. Use a fixed value of the key (i.e. 99)
- 3) Similar to the program in (2), however, your program will generate a random number between 0 and 10, and you will be given 3 tries to guess it, otherwise the program will generate a new number and so on.
Hint: you may use the following link to know how to generate a random number:
<https://pythonprogramminglanguage.com/random-numbers/>
- 4) Create a program using nest-while loops, that prints the coordinates from (0,0) to (10,10)