QUESTION 1

A nested list is a list that appears as an element in another list (Inception again :o).

QUESTION 2

A list can store both integers and strings in it.

EXERCISE 1

Python interpreter's response to list(range(10, 0, -2)) is [10, 8, 6, 4, 2]
If start < stop and step < 0, the list will be empty.

Rule:

If start < stop, and step > 0, the list will go forward, according to the step.
If start > stop, and step < 0, the list will go backward, according to the step.
If start < stop, and step < 0, the list will be empty.
If start > stop, and step < 0, the list will be empty.
If step = 0, Python will spit out an error

EXERCISE 2

This fragment create one turtle instance. Both tess and alex refer to the same turtle instance. As a result, changing the color of alex also change the color of tess.