SECTION 3: PYTHON OBJECT AND DATA STRUCTURE BASICS, 2 hrs 2 mins, 33 parts

- · 26/36 Tuples with Python
 - Theory
 - -> tuples are immutable lists -> they're lists which can't be changed (mutated) and as a result have a lot let methods
 - -> they are coordinates ()
 - -> dictionaries {}
 - -> lists / arrays []
 - \circ JN
 - > -> he creates a tuple (1,2,3) and a list which is the same thing with □ brackets
 - -> type(t) <- wither a tuple or a list</p>
 - -> example operations on the tuple
 - slicing -> t[0]
 - len(t)
 - · you can store multiple values
 - t[-1] -> the penultimate element
 - name_of_tuple.count('a') <- the number of times a is in the tuple
 - name_of_tuple.index('a') <- the index at which element a first appears
 - -> the immutability of tuples
 - he tries to change the value of one of the elements in the tuple and it returns an error
 - -> data integrity (you can't accidentally reassign the values of elements in a tuple because they are immutable)