Assignment 2.2

b) **Find how to make a for loop infinite**

You can use the second argument of iter(), to call a function repeatedly until its return value matches that argument. This would loop forever as 1 will never be equal to 0 (which is the return value of int()):

for \_ in iter(int, 1):

pass

If you wanted an infinite loop using numbers that are incrementing you could use itertools.count:

from itertools import count

for i in count(0):

....

c) **Figure out how to add values in a tuple**

Use the + operator to add a value to a tuple

Add parentheses around the added value with a comma before the right parentheses to make it a tuple with one value. Use concatenation to add the previous tuple to the end of the original tuple to create a new tuple with an added value at the end.