PRÁCTICA 3

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1 Ejercicio 1: Define the TM solution of exercise 3.4 of the problem list and test its correct

2 Define a recursive function for the sum of three values.

def sumthree(a, b, c): if a == 0 and b == 0 and c == 0: return 0 else: return a + b + c + sumthree(a-1, b-1, c-1)

3 Implement a WHILE program that computes the sum of three values. You must use an auxiliary variable that accumulates the result of the sum.

def sumthree(a, b, c): result = 0 while a ¿ 0 or b ¿ 0 or c ¿ 0: result += a + b + c a -= 1 b -= 1 c -= 1 return result