**Exercise 5.4**

(Objective 5.4)

**1) Suppose the input is 2 3 4 5 0 (one number per line). What is the output of the following code?**

number = 0

sum = 0

**for** count **in** range(3):

number = int(input("Enter an integer: "))

sum += number

print("sum is", sum)

print("count is", count)

**2) Convert the following while loop into a for loop.**

i = 1

sum = 0

**while** sum < 10000:

sum = sum + i

i += 1