**Assignment**

What will be the output of following programs?

for i in  range(2):

     print i

for i in range(4,6):

     print i

counter = {}

def addToCounter(country):

     if country in  counter:

         counter[country] += 1

     else:

         counter[country] = 1

  addToCounter('China')

addToCounter('Japan')

addToCounter('china')

print len(counter)



dictionary = {}

dictionary[1] = 1

dictionary['1'] = 2

dictionary[1] += 1

sum = 0

for k in dictionary:

     sum += dictionary[k]

  print sum



dictionary = {1:'1', 2:'2', 3:'3'}

del dictionary[1]

dictionary[1] = '10'

del dictionary[2]

print len(dictionary)



# Declaring and printing list

L = [1, "a" , "string" , 1+2]

print(L)

# Adding more items

L.append(6)

print(L)

# Removing an item

L.pop()

print(L)

# Printing a particular item

print(L[1])