**Assignment**

What will be the output of following programs?

fori in  range(2):

     printi

**Answer: o, 1**

fori inrange(4,6):

     printi

**Answer: 4, 5**

counter ={}

defaddToCounter(country):

     ifcountry in  counter:

         counter[country] +=1

     else:

         counter[country] =1

  addToCounter('China')

addToCounter('Japan')

addToCounter('china')

printlen(counter)

dictionary ={}

dictionary[1] =1

dictionary['1'] =2

dictionary[1] +=1

sum=0

fork indictionary:

     sum+=dictionary[k]

  printsum

**Answer: 2, 4**

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

del dictionary[1]

dictionary[1] = '10'

del dictionary[2]

print len(dictionary)

**Answer: 2**

# Declaring and printing list

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

print(L)

**Answer: [1, "a", "string", 3]**

# Adding more items

L.append(6)

print(L)

**Answer: [1, "a", "string", 3, 6]**

# Removing an item

L.pop()

print(L)

**Answer: [1, "a", "string", 3]**

# Printing a particular item

print(L[1])

**Answer: a**