Esteok Ahmed

BE 1600

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<div align="center">Assignment 03</div>

1. Given: L = ['a', 7, 6, 5,"Jack",3.4], write a statement for each of the followings:

   a. print(L[0])

   b. print(L[5:6])

   c. print(L[1:4])

   d. print(L[0:3])

   e. print(L[4:])

   f. copy_L = L[0:]

      print(copy_L)

   g. print(L[::-1])

2. Given: L1 = [1,3,2] and L2 = [7,8], write a statement for each of the followings:

   a. L1.append(0)

   b. del L1[1]

   c. L1.extend(L2)

   d. L1.sort()

   e. L1.insert(2, 11)

   f. L1.remove(3)

   g. L1.reverse()

3. Consider the following code:

   a. list1=[1,2,99]

      list2=list1

      list3=list2

      list1=list1.remove(1)

      print(list3)

                      a. [2, 99]

                      b. list3 = list2[:]

   b. Consider:

      ListA = [1,2,3,4,5]

      ListB = ListA

      ListA[2] = 10

      What is the value of ListB[2]?

      10

   c. Consider:

      ListA = [1,2,3,4,5]

      ListB = []

      for num in ListA:

         ListB.append(num)

      ListA[2] = 10

                      a. 3

                      b. [1, 2, 3, 4, 5]

4. Answer the following questions:

a. dict={"a":1, "b":2, "c":3}

b. dict={}

c. if "James" in dict:

    print(dict["James"])

  else:

    print("No James in System")

d. if "Jim" in dict:

    del dict["Jim"]

  else:

    return 0

5. Answer the following questions:

a. 2

b. 1

c. Not found

d. 222

e. del dict[key]

f. len()

g. [4,5]

h. 1

   2

   3