CS:1210 (22C:16) Quiz 7 Version (b)

You have 15 minutes to complete this quiz. Please put away your books, notes, and all electronic devices

1. Suppose that the list L equals `[100, ["ok", "is"], 1000, [1, 2], [[1, 2], [2, 3]], 1000]` . Write down the value of each of these expressions.

   (a) `range(0,L[len(L)-1],200)`

   (b) `L[2:][2][1:][0][1]`

   (c) `L[1:4][2][::-1]`

   (d) `L[2:len(L)-1].count(1000)`

2. Suppose that the list L equals `[100, ["ok", "is"], 1000, [1, 2], [[1, 2], [2, 3]], 1000]` . Write down the value of `L` after each of these Python statements. For each problem start with the (same) value of `L` given above.

   (a) `L[4][:1] = ["at"]`

   (b) `L[4]  = "new".split("e")`

   (c) `L[1::2] = [0]*3`

3. Write down the values of these expressions.

    (a) `"ominous"[::-1].replace("o", "")`

    (b) `"enzyme".split("e")`

    (c) `"x".join(["e", "tra"])`