

Quiz 6

Subject: Python, C

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Due Date: 15.01.2019 23:59

Accept your *6th Quiz*.

Problem : Python – > C

Write a program in the C programming language that equivalent of Python code given below.

```
listA = [12, 29, 15, 8, 36, 6, 9, 2, 4, 7] # list length must be 10
print("List A: " + str(listA))

listB = [39, 41, 1, 3, 27, 14, 5, 11, 90, 43] # list length must be 10
print("List B: " + str(listB))

sortedListA = sorted(listA)
print("Sorted List A: " + str(sortedListA))

sortedListB = sorted(listB)
print("Sorted List B: " + str(sortedListB))

listC = sortedListA + sortedListB
print("List C: " + str(listC))

sortedListC = sorted(listC)
print("Sorted List C: " + str(sortedListC))
```

Output of your program must be same as the output of Python Code. The output of the Python code is given below.

```
List A: [12, 29, 15, 8, 36, 6, 9, 2, 4, 7]
List B: [39, 41, 1, 3, 27, 14, 5, 11, 90, 43]
Sorted List A: [2, 4, 6, 7, 8, 9, 12, 15, 29, 36]
Sorted List B: [1, 3, 5, 11, 14, 27, 39, 41, 43, 90]
List C: [2, 4, 6, 7, 8, 9, 12, 15, 29, 36, 1, 3, 5, 11, 14, 27, 39, 41, 43, 90]
Sorted List C: [1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15, 27, 29, 36, 39, 41, 43, 90]
```

Notes

- Do not miss the submission deadline.

- Save all your work until the quiz is graded.
- You can use any sorting algorithm.
- You can ask your questions via Piazza and you are supposed to be aware of everything discussed on Piazza.
- You must submit your work with the file hierarchy as stated below:

→ <quiz6.c>