

# CS 5004 Final Exam

## Exam Date: **Monday May 2nd, 2022**

**Instruction:**

Use Java to solve the four problems:

**Problem 1 (25 points)**      [Leetcode 13. Roman to Integer](#)

**Problem 2 (25 points)**      [Leetcode 21. Merge Two Sorted Lists](#)

**Problem 3 (25 points)**      [Leetcode 205. Isomorphic Strings](#)

**Problem 4 (25 points)**      [Leetcode 88. Merge Sorted Array](#)

### **Submission Instructions:**

Please copy and paste your solution from leetcode to a text file named leetcodexxx.txt and submit. We will copy and paste your code to leetcode for testing. For example, the following content will be in file **leetcode1108.txt**.

```
class Solution:
    def defangIPaddr(self, address: str) -> str:
        return address.replace(".", "[.]")
```