Weekly Report

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1 1. Leetcode

This week, I did 6 medium level Leetcode problems.
3.Longest Substring without repeating characters;

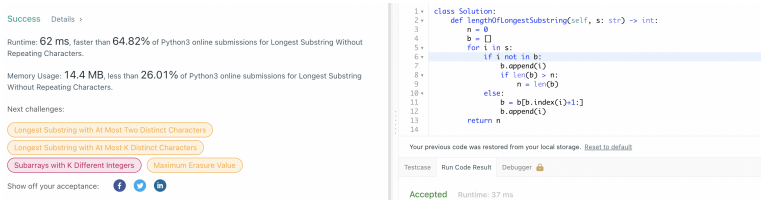

Figure 1: The runtime of this problem.

The runtime is 62ms, faster than 62.82 people. Still need to speed up the runtime.
6. ZigZag Conversion;

Figure 2: The runtime of this problem.

The runtime is 143ms, faster than only 10.6 people. I need to practice more to find a better way to speed up.
17. Letter Combinations of a Phone Number;

Figure 3: The runtime of this problem.

The runtime is 49ms, faster than only 5.18 people. I need to practice more to find a better way to speed up.
22. Generate Parentheses;

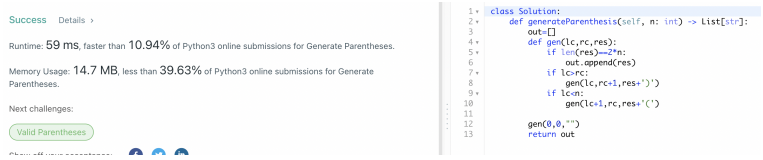

Figure 4: The runtime of this problem.

The runtime is 59ms, faster than only 10.94 people. I need to practice more to find a better way to speed up.

24. Swap nodes in Paris;

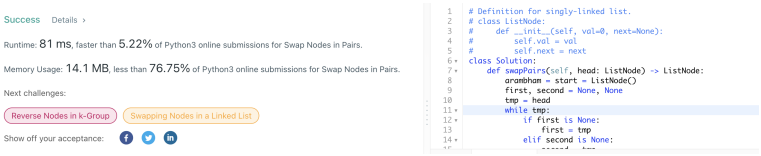

Figure 5: The runtime of this problem.

I could not solve this problem. This version is based on the discussion session's solution. Still need to learn more about Python.

29. Divide Two Integers

Figure 6: The runtime of this problem.

This one is good.

2 2. Deep learning Lessons

I have finished the first and second part of the deep learning lesson. Next week, i will continue on the rest of the course materials. So far, I have the basic ideas of neutral networks and tried some python codes.