**Personal Statement about Potential Academic Integrity issue**

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I believe that I figure out why my code is similar with one other student who I don’t know.

First of all, I want to clarify that I didn’t talk to anyone else ever about the assignment. Nothing like copy other’s code or discussion happened.

Here are some statements that I did not cooperate with others or copy their code.

1. First I want to share the whole process of doing Ass1 2.1. As you know, gaussian elimination is familiar with Chinese students as we have learned linear algebra in our freshmen year. So to finish this work, I of course look back to the textbook materials before trying to remind my memory about the gaussian elimination method. And of course I would google or baidu to learn the method once I have questions or want to know exactly logic about the method. During browsing the page and textbook, to help me better understanding, I would use some specific matrix to operate to analysis logic. Then after fully understand, I try to write the code by myself.
2. Here are the links that I visited and learned from before:
3. <https://blog.csdn.net/deramer1/article/details/79049625?spm=1001.2101.3001.6650.3&utm_medium=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-3-79049625-blog-123311386.pc_relevant_multi_platform_whitelistv3&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-3-79049625-blog-123311386.pc_relevant_multi_platform_whitelistv3&utm_relevant_index=6>
4. <https://blog.csdn.net/qq_50920297/article/details/124221473?spm=1001.2101.3001.6650.2&utm_medium=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-2-124221473-blog-123311386.pc_relevant_multi_platform_whitelistv3&depth_1-utm_source=distribute.pc_relevant.none-task-blog-2%7Edefault%7ECTRLIST%7ERate-2-124221473-blog-123311386.pc_relevant_multi_platform_whitelistv3&utm_relevant_index=5>
5. <https://www.pythonheidong.com/blog/article/611719/425c75e3425d4c308202/>
6. <https://blog.csdn.net/weixin_56273009/article/details/123311386>
7. <https://en.wikipedia.org/wiki/Gaussian_elimination>
8. <https://blog.csdn.net/weixin_45629285/article/details/107608644>
9. I believe that I might figure out why my code is familiar with other’s. I wrote my code after learn the logic of gaussian elimination from this link:

#2(3) https://www.pythonheidong.com/blog/article/611719/425c75e3425d4c308202/ (mainly, need note).

I also notice the ipynb file that it claims we should not copy codes from any source. So I finished reading then closed the page and wrote the code.

1. According to #3 statement, it explains that why my code is similar with other’s. Because he/she might visit the same website. I believe that it can prove me do not break the academic integrity.
2. About the source code, I did not copy directly from the source. I followed the order that reading and writing separately. To differentiate, I also add annotations on almost each line to prove that I wrote by myself. And I can also tell the bugs and hinders I met during writing the code.

If statement #5 is still being considered as an issue, I want to sincerely apologize for that. Because I did not realize that even I write myself individually and not copy other resource code it is still a problem.

To sum up, the main reason of potential problem that my code is similar with other’s is that we might learn from the same website (I do not know whether he/she copied). I do not know and have not shared anything about my work anytime.

Because I cannot fully discern the boundaries of behavior, if my conduct that learning from different source first and then write my own code is being considered as a misconduct, I promise that it would never ever happen again and I apologize again. I hope that if there is a problem, I think I deserve to get 0 mark in part 2 of Ass1 theory part as it tells not to copy code from source, the same as calling someone else’s functions.