

Ateneo de Manila University
Department of Quantitative Methods and Information Technology

Certificate of Authorship

Instructions

- Accomplish the document completely
 - Save the document as a .pdf file with the following name format:
<IDNumber>_<RequirementTitle>_COA (e.g. 12345_Assignment1_COA)
 - Attach this document to each course requirement submission unless otherwise specified by the Course Instructor
-

Certification


I hereby certify that the submission described in this document abides by the principles stipulated in the student handbook.

I further certify that I am the author of this submission and that any assistance I received in its preparation is fully acknowledged and disclosed in the documentation.

I have also cited all sources from which I obtained data, ideas, or words that are directly copied or paraphrased in this document. Sources are properly credited according to accepted standards for professional publication.

I am aware that any potential case of plagiarism or cheating (similar code) regarding my submission merits a 0 for the requirement and a disciplinary case filed to the Discipline Committee of the Loyola Schools.

Student and Course Information

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| Course Code & Section | ITMGT 25.03-B and C |
| Course Instructor | Jose Ramon S. Ilagan |
| Student's Full Name | Marianne Nicole C. Chatto, Clare Bernadette Chua, Rose Guada Marie Manalo |
| Signature |  |

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Sources

GeeksforGeeks. (2021, July 1). *Qt Alignment in PyQt5*.
[https://www.geeksforgeeks.org/qt-alignment-in-pyqt5/](https://www.geeksforgeeks.org/qt-alignment-in-pyqt5/Introduction to Classes.)
Introduction to Classes. (2022). CodeAcademy.
<https://www.codecademy.com/learn/learn-python/modules/learn-python-introduction-to-classes-u>

Leonard, M. (2011, April 15). *How to programmatically make a horizontal line in Qt*.
Stack Overflow.
<https://stackoverflow.com/questions/5671354/how-to-programmatically-make-a-horizontal-line-in-qt>



Python MongoDB Delete Document. (n.d.). W3Schools.
https://www.w3schools.com/python/python_mongodb_delete.asp

Python MongoDB Find. (n.d.). W3Schools.
https://www.w3schools.com/python/python_mongodb_find.asp

Python MongoDB Insert Document. (n.d.). W3Schools.
https://www.w3schools.com/python/python_mongodb_insert.asp

Ramos, L. P. (n.d.). *Python and PyQt: Building a GUI Desktop Calculator*. Real Python.
<https://realpython.com/python-pyqt-gui-calculator/>

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