

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.

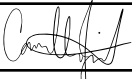
Sources

<https://youtu.be/sILWMVvIK34>

<https://www.w3schools.com/python/numpy/default.asp>

[https://www.w3schools.com/python/ref_func_set.asp#:~:text=The%20set\(\)
%20function%20creates,in%20the%20chapter%20Python%20Sets.](https://www.w3schools.com/python/ref_func_set.asp#:~:text=The%20set()%20function%20creates,in%20the%20chapter%20Python%20Sets.)

Student and Course Information

Course Code & Section	ITMGT 45
Course Instructor	Mr. Joseph Benjamin Ilagan & Mr. Jose Ilagan
Student's Full Name	Camille Justine D. Go
Signature	

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Sources (cont.)

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