

**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**

**Student and Course Information**

<b>Course Code &amp; Section</b>	ITMGT 25.03-A
<b>Course Instructor</b>	Joseph Benjamin M G R. Ilagan
<b>Student's Full Name</b>	Samantha Louise M. Avila
<b>Signature</b>	

**Ateneo de Manila University**  
**Department of Quantitative Methods and Information Technology**

**Certificate of Authorship**

Sabik. "Sort in descending order python." *stackoverflow*, 3 September 20,  
<https://stackoverflow.com/questions/63716225/sort-in-descending-order-python>.

Python. "Data Structures." *Python*, 28 July 2021,  
<https://docs.python.org/3/tutorial/datastructures.html>.

**Student and Course Information**

<b>Course Code &amp; Section</b>	ITMGT 25.03-A
<b>Course Instructor</b>	Joseph Benjamin M G R. Ilagan
<b>Student's Full Name</b>	Samantha Louise M. Avila
<b>Signature</b>	