



Linear Algebra and its Applications

UE23MA341B

Hackathon - 1

Guidelines

There are two types of questions assigned to each team, one implementation of a theoretical concept covered in class, and the other is an application-based question.

Download the files for the questions assigned to you only. To ensure proper auto-evaluation, **you must follow these steps. Failure to do so will result in a score of zero:**

1. **Use the correct file name: *QuestionNumber_SRN1_SRN2.py***
 - Only put your FULL SRN in the placeholder provided in the name of the file. Do not change anything else in the file name, or else it will not be evaluated.
 - For example: *if you are assigned Q3 in the application questions section, download the QA3.py file under Application Questions folder, and rename it to QA3_PES1UG2YCSXXX_PES1UG2YCSYYY.py.*
2. **Do NOT modify the boilerplate** except the required functions to be implemented.
 - Do **not** change other or import any modules, test cases, or any part of the code that is not meant to be edited.
3. **Return the output in the specified format only.**
4. You should upload the .py files in the final submission form, along with a **one-page report** that includes **screenshots of the outputs** obtained for the public test cases, **and a short explanation** on your findings.
5. **Only one submission per team** is allowed.

If you have any questions, feel free to reach out to the Tas.