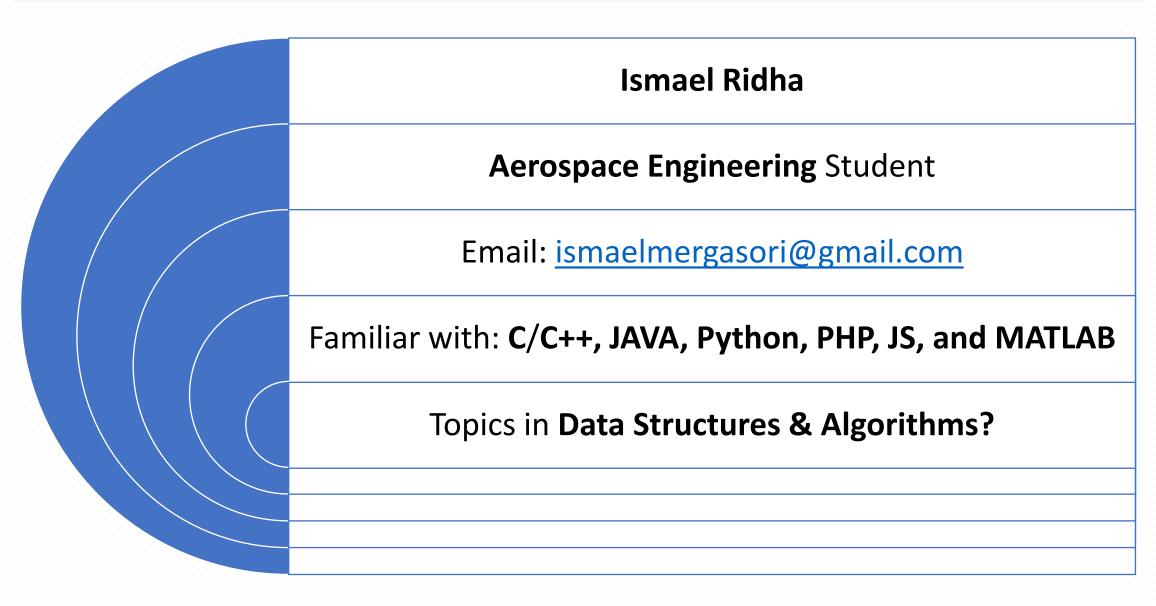
COMP-352 Tutorial #1

INTRO



COEN-352 Overview

Data Structures:

- **DS**s are means of storing data in a pattern-like format favourable in an application.
- These often dictate which algorithms to use and are based on the data we have.
- **Examples:** Arrays, Linked Lists, Stacks, Queues, Trees, Graphs...

Algorithms:

- ALGOs are methods developed for executing some actions on data.
- Algorithms usually depend on the DS and the type of data given. However, it mostly depends on the data.
- **Examples:** Sorting, Searching, Inserting, Deleting, Traversing

JAVA Development Environment Setup

GitHub Repo: https://github.com/TheBarzani/COMP352 S2023

Steps:

- 1. Download and Install Java compiler
- 2. Add Java to the PATH
- 3. Set up an IDE as part of JDK
- 4. Create your first project and enjoy

DEMO:

- How to use the Assignment's DebugRunner in this class?
- Some notes on how to format the code for the Assignments.

THANK YOU