

## ELE70A: BVo1

# Python Program for Ladder Iterative Load Flow

**Date:** October 1st, 2021

**FLC:** Dr Balasubramanian Venkatesh

**Time:** 2:00 - 2:15 PM EST

**Supervisors:** Shima Bagher Zade Homayie,  
Thiago Ramos Fernandes,  
Tharmini Thavaratnam

**Note Taker:** Abrar Ahsan

**Other Members:** Parham Habibi, Muhammad Shirazi,  
Rehnuba Fairoj

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## Agenda

### Main Agenda

1. Meet with Dr Venkatesh and Team
2. Discuss Milestones for Week 4

## General Notes from the meeting

1. Discussion about expectations from the team about how to perform the tasks and reporting.
2. Points to mention in each meeting:
  - a. Accomplishments
  - b. Next Goals
  - c. Problems faced/Deadlines missed
  - d. How the problems will be resolved
3. Overall Software Architecture, especially how the frontend and backend should connect.

## Completed Action Items

1. Abrar Ahsan: Read up on PyExcel for parsing Excel Data, and load-flow calculations.
2. Parham Habibi: Read up on research papers, read on load-flow and power-flow calculations.
3. Muhammad Shirazi: Researched different implementations and toolboxes for Python GUIs
4. Rehnuba Fairoj: Started Python GUI course and read on load-flow

## **Difficulties Encountered**

1. N/A

## **Next Meeting**

1. Milestone Compliance Report 1
2. Very High-Level Software Architecture