



EE 181

Assignment 2 DC Load Flow

The program shall:

- Automatically read the files: “**BranchData.xlsx**” and “**BusData.xlsx**” upon clicking “**Run**”.
- **BranchData.xlsx** has the following format:

[From Bus, To Bus, Line Reactance]

- **BusData.xlsx** has the following format:

[Bus, Pgen, Pload]

- Use **Bus1** as slack bus, **100MVA** as Sbase
- The programs shall compute for the line power flows
- From the variables given, the program should be able to write a .xlsx file or .csv file of the following format:

[From Bus, To Bus, Power Flow (MW)]

- For easier file writing, ignore the column headings
- For your submissions, use the following filename format:
 - For MatLab files: **SurnameFL.m**
 - For Output files: **SurnameFL.xlsx** or **SurnameFL.csv**
 - For zipped files: **SurnameFL.zip**

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