EC 504 – Project Instructions and Schedule

The projects are like a last team Homework assignment. The topic can be an extensions algorithms, coding and analysis methods from the course. The new feature is to set up a team GitHUB with clear instructions on how to run the code and to present the project as slides in the last two classes and to write a report and place the code on the team GitHUB. Keep is simple There are only about 4 weeks to end of class.

Schedule

1. Tuesday Nov 14, 2023 in class
   In class sign up to form team on https://docs.google.com/spreadsheets Each team should have 4 students.
2. Thursday Nov 16, 2023 in class
   In class choose a topic and set up a project GitHUB.
   (See project suggestion topics on EC504_2023F GitHUB)
3. Tuesday Nov 21, 2023 in class
   Each team present there proposed project with 2 to 4 slides.
4. Tuesday Dec 7 and Thursday Dec 12 in class
   Each team will present the project in class and post there slide on the the project GitHub EC 504 Project Submission Instructions:
5. Dec. 15, 2023 Code, Report and Slide on your project GitHUB

(By the away the final exam is Tuesday, December 19 in class room 12:00pm 2:00 pm)

1 Deliverables

The follow should be provide for grading.

1. Report should include at least five sections, namely (i) team information, (ii) abstract, (iii) instructions for running the code, (iv) Sample results with discussion, and (v) References. Keep it concise – 5 to 10 pages at most.
   (a) Team information should list members with names, BU ID and SCC user names.
   (b) Abstract should give a short summary of your work. This project aims to implement in language C (or equivalent elementary elements in C++). The results validating the implementation with various input files, and comment on the performance analysis.

(c) Instructions must clearly list information on how to build the code from a **makefile** and run with provided input files. It should also validate output. This is the most important part of the report, which will enable TA to grade your project appropriately.

(d) Sample results should show sample output for the code, along with discussion of the results.

(e) References include a list of sources your team used in developing the software. They can include web sites, or reference papers.

2. Each team must have a GitHUB account and put final code on results by Dec 11. The GitHub should included

   (a) Source code: The code should be in the directory `Project_GitHUB/src` with **makefile**. The `Project_GitHUB/Readme` should have enough instruction to run the code to demonstrate its performance with an input file or parameters and an output files.

   (b) Input files: All the input files to validate and test your implementation should be provided under `Project_GitHUB/input`.

   (c) Output files: All the correct output files to validate your solution against should be provided in `Project_GitHUB/input`

   (d) You may include in addition as needed example graphic output and/or fits that you analyze your project in `Project_GitHUB/analysis`