CS5205: Advanced Artificial Intelligence Lab

Assignment - 2

23/01/2025

This assignment is an extension of Assignment 1. Here we will ignore the group size and the prompt count in the input. Such inputs, if needed, are to be provided in the command line. You need to extend your code to answer the following.

- Given the group size, the number of prompts per student determine the earliest time when all assignments can be completed.
- Given the group size and the number of days within which all assignments need to be completed, determine the best subscription (minimum number of prompts per student per day) scheme for the students.
- Suppose the students start solving their respective assignments at 6am. After solving assignments, a group of students exchange/provide solutions to each other on the next day at 6am. Once an assignment is completed, a student can proceed for the next assignment provided he/she has sufficient prompts and necessary solution of predecessors. Under this scenario, solve the previous two problems.

You need to upload your code (assg02.cpp OR assg02.py) and a README (README02.txt) file. To address the third part, you need to provide appropriate information in the command line. Please make sure you mention the same in the README file.