**CSL 412 - Artificial Intelligence**

Assignment I (Announced on Aug 03, 2022 Submission Date – Aug 27, 2022 midnight)

**Use Iterative Deepening Search to solve the 8-tile puzzle.**

**OR**

**Use Bi-directional search to solve the 8-tile puzzle.**

(Note – Those who implement bi-directional search will get higher credit)

Submission

Submit your code and a video (or a link to the video, if the file size is large) on the email address – [uad.ai.assignment@gmail.com](mailto:uad.ai.assignment@gmail.com)

Write your name, enrolment and Assignment 1 in the subject of the email.

In the video, explain the following things.

1. Explanation of your code and its flow.
2. Show its execution on a large graph using a video with screen shots.