Assignment 1

Due 28 Sep by 23:59 **Points** 20 **Submitting** a file upload **Attempts** 0
Allowed attempts 1 **Available** 13 Sep at 0:00 - 30 Sep at 23:59

Instructions for the Assignment:

1. There are two questions for this assignment.

    Assignment 1 Q1: Uninformed and Informed Search

    Assignment 1 Q2: Local Search

Assignment 1 Q1-1.ipynb (https://canvas.nus.edu.sg/courses/25657/files/313111/download?download_frd=1)

Maze_Assignment_1-1.jpg

Assignment 1 Q2-1.ipynb (https://canvas.nus.edu.sg/courses/25657/files/313112/download?download_frd=1)

data.csv (https://canvas.nus.edu.sg/courses/25657/files/313114/download?download_frd=1)

2. Submit a single Jupyter notebook for each question, i.e. each group must upload only two Jupyter notebooks, one for each problem. Keep the files in a folder and use Assignment Group number (AG xx) as folder name. Upload the folder.

3. The code should be well documented and execute without errors.

4. You are not allowed to use any libraries apart from Python standard library. No import statements that import libraries outside of python standard libraries should be found within your code.

5. You must follow the problem formulation discussed in class (AIMA4e). Abstract class for Problem and Node are given in the Jupyter notebook. Use these classes for modelling and search.

6. If you are using helper functions from AIMA4e repository, you must acknowledge it.

7. Create the report (analysis of the algorithms) within the Jupyter notebook.

5. Write Group Number, Student Name and Student ID numbers in each Jupyter Notebook

File upload | Studio

Normal - frame: reader

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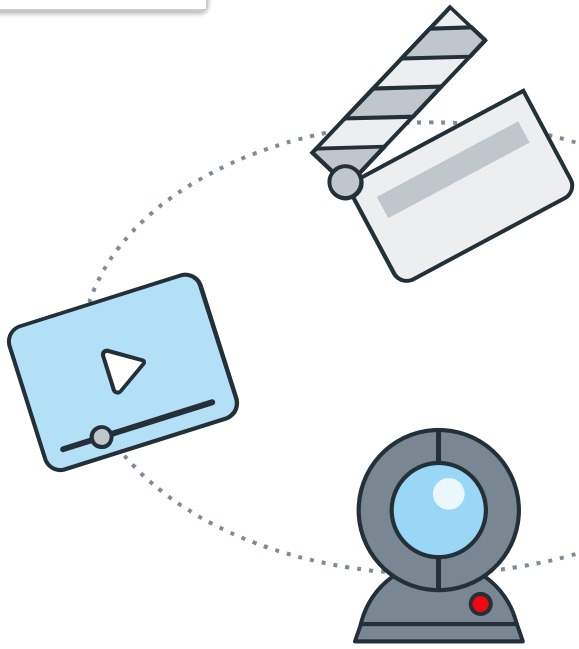
RECORD ADD SEARCH

Date added

Name

View All



Course chat

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