

Information on The COMP 472 Fall 2022 Rush-Hour Competition

- The competition will take place remotely.
- 4 input files will be made available Monday December 5:

challenge_easy.txt: 100 puzzles

challenge_medium.txt: 100 puzzles

challenge_hard.txt: 100 puzzles

challenge_extreme.txt: 100 puzzles

- Each team will have 1 week to run their code on their own machine. For each input file above, you will generate:
 - a. The solution files as indicated in the handout
 - b. The total cost of the solutions found for the 100 puzzles (“no solutions” have a cost of 0)
 - c. The number of “no solutions”.
 - d. The total execution time to solve the 100 puzzles

Note that for each level:

- You are allowed to run only 1 run -- i.e. you need to decide if you wish to run your UCS, your GBFS, your A*... and with what $h(n)$
 - You can change the configuration of your run for each level (eg. UCS for easy, but A* for extreme).
- Once you have your 4 outputs:
 - a. Fill out this [Google form](#) with a summary of your output
 - b. Make a zip file of the 100 solution files & 100 search files for each level. Name these files:
 - i. competition-easy.zip
 - ii. competition-medium.zip
 - iii. competition-hard.zip
 - iv. competition-extreme.zip
 - c. Upload these files on [EAS](#) as *Programming Assignment Group 2 / Submission Number 3* so we can check it later.

We will compile all this information, and try to make sense of it all ;-)