Dear MTRN4110 students,

Before submitting your Assignment Phase C, please double-check whether you have considered the following items. As the requirements specified in the task description will be strictly executed, you are highly recommended to tick all the checkboxes here before and after your submission.

Best,
Leo

Checklist for Assignment Phase C Submission:

- ☐ Have you submitted your code in Jupyter Notebook (ipynb) format?
- ☐ Have you made sure you were using the following versions of packages?
  - ▪ python==3.7.10
  - ▪ matplotlib==3.2.2,
  - ▪ opencv-python==3.4.2.17
  - ▪ opencv-contrib-python==3.4.2.17
  - ▪ ipykernel==5.3.2
  - ▪ notebook==6.4.1
- ☐ Have you included a "requirements.txt" in your submission?
- ☐ Have you made sure your "requirements.txt" included all the libraries you used that were not installed along with python installation?
- ☐ If you have installed additional libraries, have you tested that the "requirements.txt" can be properly installed and run?
- ☐ Have you explicitly defined a variable for each file you used in the program?
- ☐ Have you explicitly defined a variable for the transformed image after perspective transform?
- ☐ Have you cleared all the output (Cell -> All Output -> Clear) and rerun your program (Cell -> Run All) to confirm the correctness of the final version?
- ☐ Have you confirmed your program would work well without needing the assessor to make changes to it except for replacing the images being tested (Maze.png and Robot.png)?
- ☐ Have you designed different test cases to test the robustness of your code?
- ☐ Have you ensured the correctness of your test cases?
- ☐ Have you followed the required folder structure specified in the task description in your submission? Particularly the name and location of all the files?

```
z*******_MTRN4110_PhaseC.zip
|-- z*******_MTRN4110_PhaseC
        |--programs
        |       |--z*******_MTRN4110_PhaseC.ipynb
        |       |--requirements.txt
        |--worlds
        |       |--z*******_MTRN4110_PhaseC.wbt
        |       |--z*******_MTRN4110_PhaseC_2.wbt
        |       |--ladybug.png
        |       |--ladybug_fake.png
        |       |--marker1.png
        |-- Ladybug_small.png
        |-- MapBuilt.txt
        |-- MapBuilt_2.txt
        |-- Maze.png
        |-- Maze_2.png
        |-- Robot.png
        |-- Robot_2.png
```

- ☐ After submitting your work, have you downloaded your submission and confirmed it is the correct version and not corrupted?