COMP 4073-Y01 Embedded Systems

Project 4: Tic-Tac-Toe

A program of tic-tac-toe game is given. The program can be executed on the Sense HAT (and the emulator). Using the Sense HAT, two players can play tic-tac-toe against each other. The game is displayed on the Sense HAT LED matrix, and players use the joystick to move a cursor and place a piece. Once the board is filled, the game resets.

The goals of this project are to modify the given program to

1. Add the function for checking who is the winner, and
2. Add an option for human against machine.

Please make a short video to demonstrate your project. You have to describe your problem first, then describe your solution, then demonstrate your project, as well as describe your team work, if you have. Upload the video to YouTube or somewhere else, then include the link in the project report. Make sure your link is valid and I can download your video from that link.

Notes:

1. Name your report file as “Last name, First name\_pj4.docx/.pdf”, for example, my last name is Wang and first name is Yonghui, so, my word file will be named as “Wang, Yonghui\_pj4.docx”
2. Submit your project report to eCourses either in a word file or in a pdf file;
3. Due time: 11/11/2020, 11:59pm