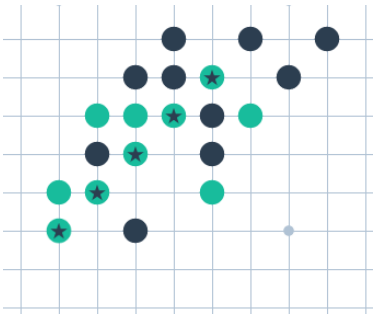
Success is not final, failure is not fatal: It is the courage to continue that counts

CS112- Section H
Assignment-2
Group size: Max. 1 student
Deadline: 16th February 2024



Statement

"Strategic Five" stands as a timeless testament to the prowess of strategic thinking. With origins rooted deep in ancient civilizations, its allure transcends generations. As players place their pieces upon the board, they enter into a cerebral battlefield, where each move carries the weight of calculated deliberation. Every placement is a gambit, a maneuver aimed at either outwitting the opponent or safeguarding against cunning traps. With each turn, the tension builds, the anticipation mounts, and the game evolves into a thrilling duel of intellects.

Whether engaged in a leisurely match on a lazy afternoon or locked in fierce competition during a heated tournament, "Strategic Five" never fails to enthrall. Its magnetic pull leaves players yearning for just one more game, one more opportunity to showcase their strategic acumen and emerge victorious on the grid.

Now, in this assignment, you are tasked with translating the essence of "Strategic Five" into C++ code. The game you craft must encompass the following features:

- The option for the board to assume dimensions of either 9x9 or 15x15, providing users with the flexibility to choose the size that suits their preference.
- Two distinct modes of play: Human vs Human and Human vs Bot.
- In implementing the game logic, ensure that the Bot, representing the computer opponent, exhibits logical prowess. While randomness may play a role in its decision-making, strategic algorithms should guide its moves, presenting human players with a formidable challenge.
- Whether facing off against a fellow human or testing their mettle against the machine, players should find themselves immersed in a captivating experience that truly embodies the essence of "Strategic Five."

Note: Your solution MUST be based on Classes.