

Lab 8 Grading Rubric -

Please email Alex (yuanzhan@buffalo.edu) if you have questions regarding your grade.

(10 points) If the top or left of a ship overlaps another ship on the board, a message is displayed warning the user about the error and the ship is not allowed to be placed there.

You received:

(10 points) If any part of a ship overlaps another ship on the board, a message is displayed warning the user about the error and the ship is not allowed to be placed there.

You received:

(5 points) If a ship is not allowed to be placed, then the user can still place it elsewhere - meaning that the buttons are not disabled if the ship is not placed.

You received:

(10 points) There is a HashMap somewhere in the program - preferably being used to hold information about where the ships are on the board.

You received:

(15 points) At some point, the computer players places ships on the screen - they do not need to be visible, but no deduction if they are visible.

You received:

(10 points) When the human plays, if he/she hits a computer's ship, a "hit" is displayed on the board.

You received:

(10 points) When the human plays, if he/she hits a computer's ship, the number of hits remaining is decremented.

You received:

(10 points) If the player sinks all the computer's ships, a game over message is displayed.

You received:

(10 points) When the human plays, if he/she misses a ship, a "miss" is displayed on the board.

You received:

(10 points) If the human selects a cell that has already been selected, a message appears indicating that the cell has already been clicked upon. The human may be allowed to select again, but that functionality is not required.

You received:

Extra Credit:

(10 points) Computer places ships randomly on the screen (not at the same location every time).

You received:

(10 points) The computer actually plays against the human (by selecting random positions). Hits and misses are displayed on the human's board.

You received:

(10 points) The computer player plays with a smarter strategy than randomly selecting positions.

You received:

Deductions:

Attendance deduction (10 points for each missing recitation):

Late:

Total Score for Lab 8: