

Theory:

+5 question one

+5 question two part a

+5 question two part b

Actually it is a $O(n^4)$ since with the conditional statement only runs n times in the last loop.

+5 question three

Programming:

Compilation (4 points):

+4 compiling

Functionality (60 points):

+10 for implementing required interfaces without breaking them

+5 for computer placement phase

+5 for human placement phase

+5 for computer targeting phase

+5 for human targeting phase

+10 for keeping track of game state correctly

+5 for game rules correctly implemented

+5 for correctly checking for game end

+5 for I/O error checking/exception handling for human player input

+5 for I/O being well organized, readable, etc.

Design (8 points)

+4 for overall design

+2 for cohesive methods

+1 for appropriate use of access modifiers

+1 for limiting where I/O occurs to a reasonable extent

Style (8 points)

+1 for good variable/method/class names

+1 for meaningful comments

+3 for javadoc comments for all classes

+3 for javadoc comments for all methods