Biquadris

Summary:

Hello! We have split our info into the following sections: flags, regular commands, keyboard mode commands and special action mode. Basically, keyboard mode is a bonus feature that runs differently and requires the user to be on the XQuartz window, and hence the commands are not typed into the terminal. Special actions always occur on the command line/terminal.

Our other bonus features are included in the bonus flag, which can also be toggled throughout run time if the user inputs the "bonus" command. When the program runs with bonus activated, there are two additional levels, level 5 and level 6, as well as a rename feature. If playing on Level 6, all output / graphics are hidden till the end of your turn. **All other features are identical to those specified on the assignment instructions.** Thank you!

Additional Flags:

Bonus: -bonus
Will allow rename commands, and introduces levels 5 and 6.

Keyboard Mode: -keyboardmode
Will allow user to play with keys instead. This command is not compatible with the text flag. See Keyboard Mode Commands for how to play.

Additional Regular Commands:

Note: All commands accept a multiplier prior to the command.

Bonus: bonus
This will toggle the bonus features. If they are currently off will turn on and vice versa.

Rename: rename xxx yyy
This will rename the command xxx to yyy and will output whether or not the rename was successful.

Keyboard Mode Commands (must be on the XQuartz window)

Note: These commands are not typed in the command line. Only Special Actions will be answered from the command line.

Left: [left arrow]
This will move the current block one left is possible.

Right: [right arrow]
This will move the current block one right is possible.

Down: [down arrow]
This will move the current block one down is possible.

Drop: [space bar]
This will drop the current block.

Clockwise: [up arrow]
This will move the current block clockwise if possible.

Counterclockwise: z
This will move the current block counterclockwise if possible.

Restart: y
This will restart the current game.

Levelup: w
Will increase the players level by 1 if possible.

Leveldown: s
Will decrease the players level by 1 if possible.

Special Actions (For both Keyboard Mode and Regular Mode)

The command line will provide instructions, and prompt users to select a mode!
Regardless of whether you are on keyboard mode or not, you must communicate via
the command line to the program. The options are:

Blind: blind

Heavy: heavy

Force: force
Selecting force will require further input, which will be passed to the program.
Options are: I, J, S, L, O, T, Z.

If you are on keyboard mode, switch back to the XQuartz window to resume playing.