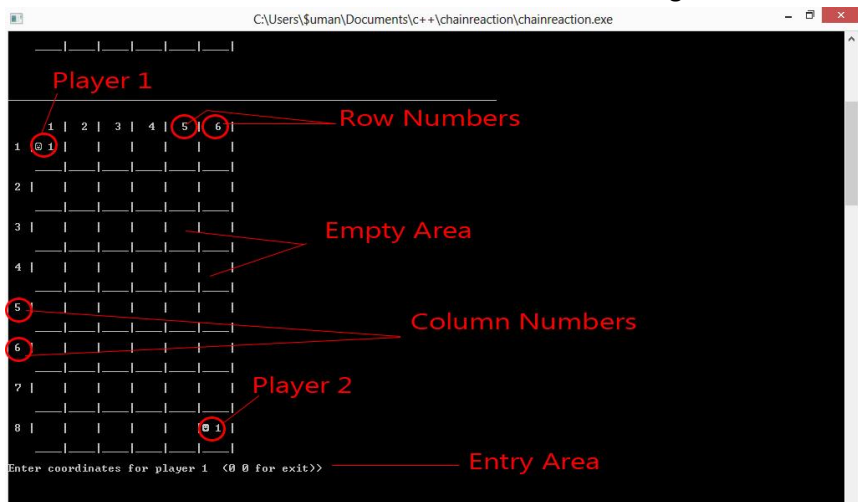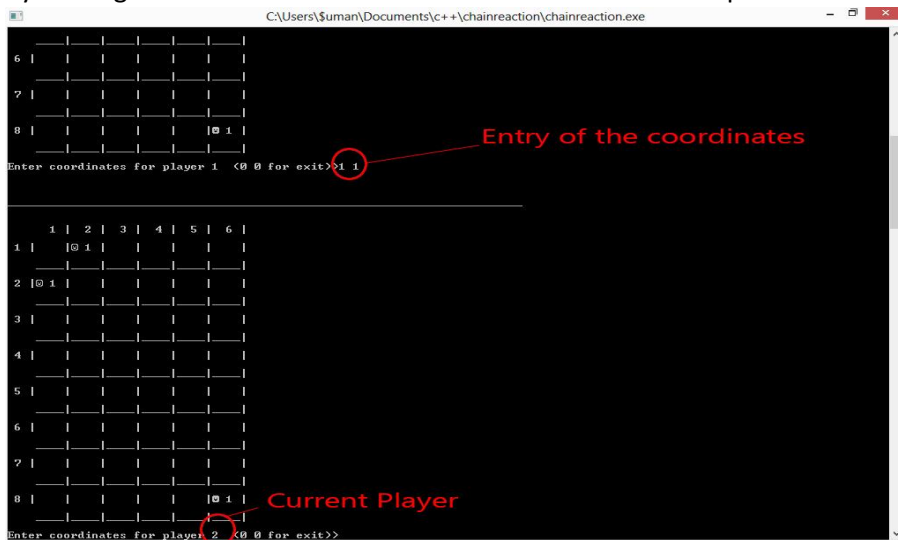# Chain Reaction

About

Chain Reaction is a console game. It is a little logical game. It is played by two players(both humans).
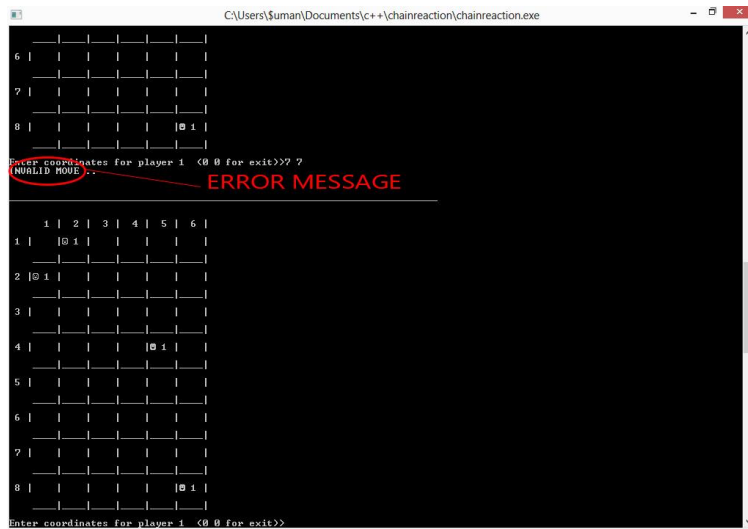
How to play

1. Open **chainreaction.exe** by double clicking on the icon.
2. Maximize the console screen for a better view. You will get the start screen as below.

3. You have to insert the coordinates in the entry area. You can determine your coordinate simply by looking at the row numbers and the column numbers as specified above.

4. The entry of the coordinates should be in the form of two integer numbers **X Y** such that **X** and **Y** do not cross the bounds of the matrix. If so then an error message will be displayed.

5. Rules :
   1. **Corner blocks** cannot accommodate more than one atom. If we place more than one in corner it splits and move to the adjacent 2 blocks(*show above eg. Earlier only one atom was present in <1,1> after player 1 put coordinates <1,1> the atoms split to <2,1> and <1,2>*).
   2. **Edge blocks** cannot accommodate more than 2 atoms. If so it splits to nearby 3 blocks.
   3. Rest area of the board leaving edges and the corners can accommodate at most 3 atoms, otherwise it splits into nearby 4 blocks.
   4. While splitting it can if there is an atom of other type then it converts it into its own type.
   5. Player who converts all the atoms to its own type wins. (*Note: here after player 2 enters <2,1> it convers nearby <2,2> to its own type making all the atoms of its type*).

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