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Discipline of Computer Science and Engineering

Minor Project Report
On
"Tigari Game"

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What is Tigari Game?

Tigari is not a very challenging game for human beings. If you're an enthusiast,you've probably moved from the basic game to some variant like three dimensional tigari on a larger grid. If you sit downright now to play ordinary Tigari with a friend, what will probably happen is that every game will come out a tie. Both you and your friend can probably play perfectly, never making a mistake that would allow your opponent to win. But can you describe how you know where to move each turn? Most of the time,you probably aren't even aware of alternative possibilities; you just look at the board and instantly know where you want to move. That kind of instant knowledge is great for human beings, because it makes you a fast player. But it isn't much help in writing a computer program. For that, you have to know very explicitly what your strategy is.
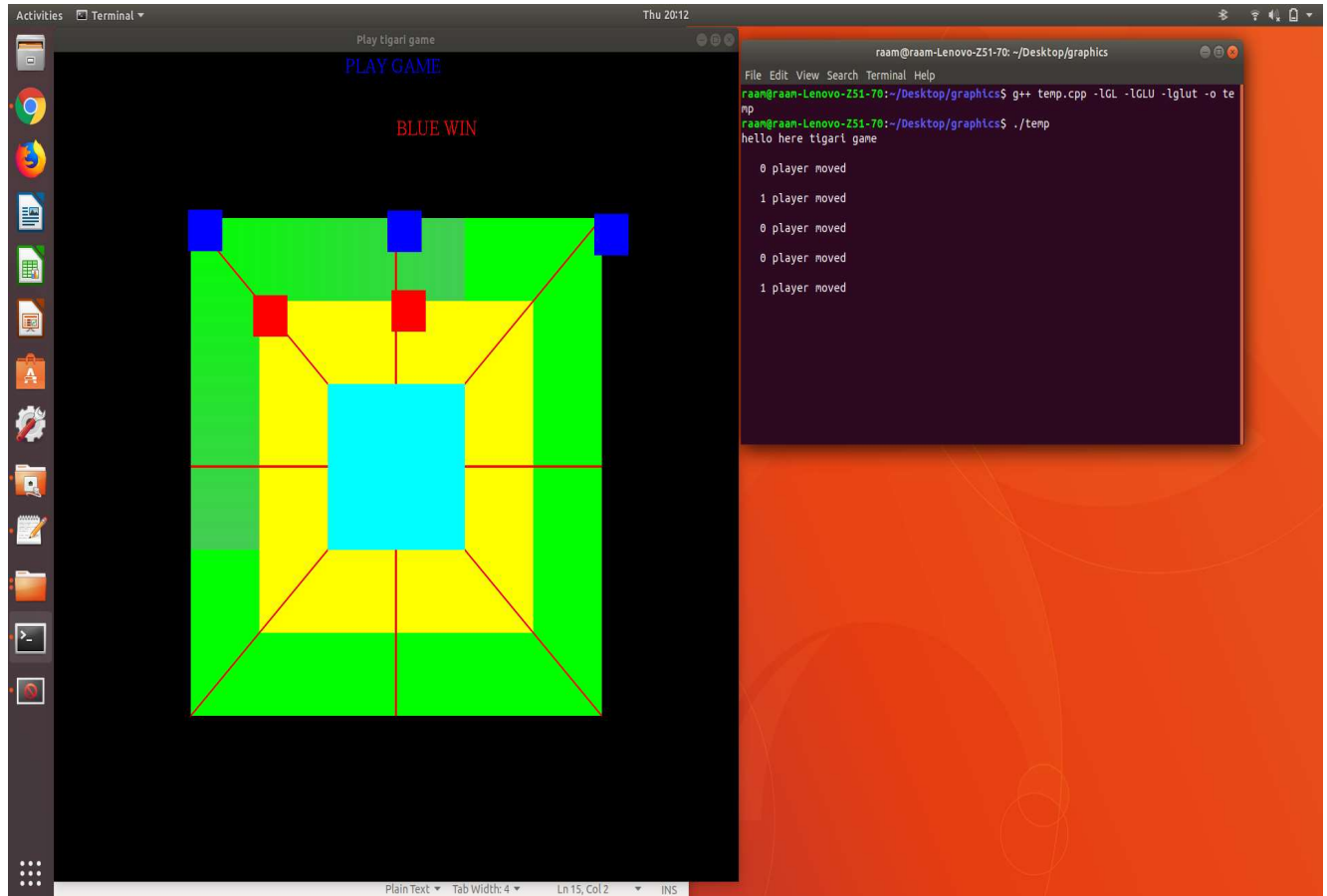
RULES OF THE GAME-

- *Game can be played by 2 players minimum and 3 players maximum.*
- *Every player is given some symbol shaped unique blocks.('red square','blue square','#')*
- *The main motto of this game is to block the point when your opponent is placing three of his symbols in a line.*
- *You will gain one point when you place 3 of your same symbols(like blue-blue-blue) in a line.*
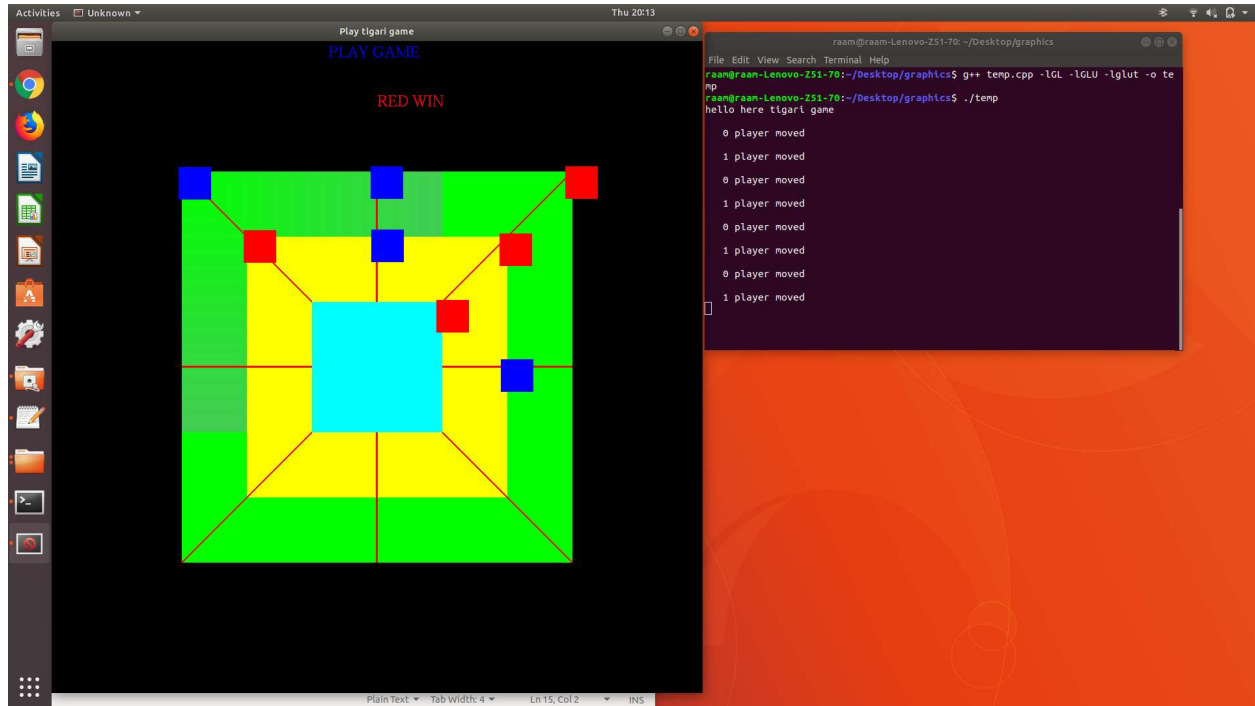- *And you will gain an advantage to remove any of your*

opponents block from the game.
- *Game will end when all the greed points are occupied by any of the game members blocks.*
- *Player with most number of points in the game wins .*
- *If players have the same number of points,then the number of blocks placed in the game will taken into consideration. More the number of blocks more the winning chances.*

Blue win condition

Red win condition

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Program for Tigari Game

Here,We attached the file tigari.cpp and ReadMe.txt file for run the program

Reference

1.https://en.wikipedia.org/wiki/Tic-tac-toe
2.https://www.thespruce.com/tic-tac-toe-game-rules-4

[12170](#)
3.[https://stackoverflow.com/questions/12465051/how-to-reference-jbuttons-objects-for-tic-tac-toe-game-logic-tic-tac-toe-game-in](#)