# Tic tac toe

The goal of my project was to create a fully functional Tic Tac Toe game for 2 players to play, with a functional menu and the ability to restart the game and exit the game by the click of a button. During the project I faced many difficulties such as making a winning algorithm and getting the GUI to show all the required features to create the Tic Tac Toe game. While doing this project I developed a greater understanding for GUI, Action Listener’s and Inheritance. In an attempt to create a restart method for my project I could not get the JFrame to reset and thus the game would just exit instead if a winning criteria was met.

I was able to create a version of TicTacToe where 9 squares are displayed and 2 players can play the game by clicking on one of the available squares which changes colour to either red or blue depending on the which player’s turn it is, once 3 colours align horizontally, vertically or diagonally a winner or a draw is determined. I tried multiple ways to get a restart button to work but I was unsuccessful and commented out some of the code.

