

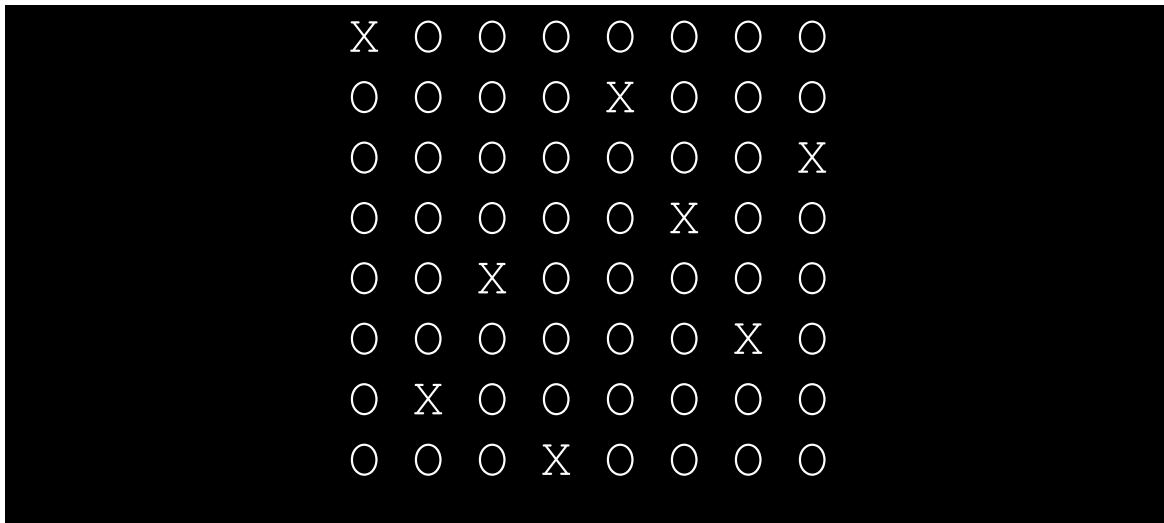
"EIGHT QUEENS" PROJECT

Create a program that determines the best location of eight queens

User Requirements

Computing possible solutions to classic human games such as Chess as long been an application of Computer Science. The goal of the Eight Queens puzzle is to place eight queens on a chessboard such that no two queens can attack each other. That is, no two queens are on the same row, same column, or same diagonal. There are many possible solutions.

Your program must compute and display one possible solution to the Eight Queens puzzle on a 8x8 sized chessboard. Use the character 'O' to indicate empty positions, and 'X' to indicate positions with Queens on them.



Software Requirements

Create a flowchart or pseudo code to establish an algorithm of how to solve this problem.

Consider the following criteria

A computed solution to the Eight Queens puzzle on an 8x8 chessboard. Use the character 'O' to indicate empty positions, and 'X' to indicate positions with Queens on them.

You must use a recursive function to determine the location of the queens on the chess board.