N-QUEENS

# \*\*Problem formulation for N-Queens problem:

1. States: all arrangements from 0 to 8 queens on the board.
2. Initial State: no queens on the board.
3. Action: add a queen to empty square.
4. Transition Model: update board.
5. Goal Test: 8 queens on the board with none attacked.
6. Path Coast: 1 for each move.

*Graphical user interface

Description automatically generated*

* Level 2

## Graphical user interface, application Description automatically generated

## Level 1

## Qr code Description automatically generated

## **Level 3**