8
7
6
5
4
3
2
1
  1 2 3 4 5 6 7 8

Chromossome | 3 | 5 | 7 | 8 | 2 | 1 | 4 | 6 |

objetive function is given as below:

$$f(chromosome) = (l_1+c_1+d_1)+...+(l_8+c_8+d_8)$$

l_{ij} means the amount of queens in the line i
c_{ij} means the amount of queens in the column j
d_{ij} means the amount of queens in the diagonals crossed by (i,j)

$f(chromosome)=0$ means that the objective is reached
                    each queen is alone in the line, column, diagonals

3 means queen is positioned in column 1 and line 3

or $q_{ij}=1$ or 0, if queen is or not at the position (line i, and column j)

5 means queen is positioned in column 2 and line 5 so on...