```java
1  package chess.pieces;
2
3  import boardgame.Board;
4  import boardgame.Piece;
5  import chess.ChessPiece;
6  import chess.Color;
7
8  public class Queen extends ChessPiece {
9
10     public Queen(Board board, Color color) {
11         super(board, color);
12     }
13
14     @Override
15     public boolean[][] possibleMoves() {
16         boolean[][] mat1 = (new Rook(getBoard(), getColor())).possibleMoves(position);
17         boolean[][] mat2 = (new Bishop(getBoard(), getColor())).possibleMoves(position);
18         boolean[][] mat = new boolean[getBoard().getRows()][getBoard().getColumns()];
19         for (int i = 0; i < getBoard().getRows(); i++){
20             for (int j = 0; j< getBoard().getColumns(); j++)
21                 mat[i][j] = mat1[i][j] || mat2[i][j];
22         }
23         return mat;
24     }
25     @Override
26     public String toString() {
27         return "Q";
28     }
29 }
30
```