

```
1 def is_safe(board, row, col):  
2     main.py for i in range(row):  
3         if board[i] == col:  
4             return False  
5         for i, j in zip(range(row - 1, -1, -1), range(col - 1, -1, -1)):  
6             if board[i] == j:  
7                 return False  
8         for i, j in zip(range(row - 1, -1, -1), range(col + 1, 8)):  
9             if board[i] == j:  
10                return False  
11     return True  
12 def solve_queens(board, row):  
13     if row == 8:  
14         return True  
15     for col in range(8):  
16         if is_safe(board, row, col):  
17             board[row] = col
```

Solution Found:

Q
.	Q	.	.
.	Q
.	Q	.
.	.	Q
.	Q	.
.	Q
.	.	.	Q

==== Code Execution Successful ===

```
18     if solve_queens(board, row + 1):
19         return True
20     board[row] = -1
21     return False
22 def print_board():
23     for row in range(8):
24         line = ""
25         for col in range(8):
26             if board[row] == col:
27                 line += " Q "
28             else:
29                 line += ". "
30         print(line)
31     print()
32 board = [-1] * 8
33 if solve_queens(board, 0):
34     print("Solution Found:\n")
```