

```

1 def is_safe(board, row, col):
2     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(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")
```