**Output: -**

Enter N Queens Problem: 4

Solution: 1 3 0 2

The Matrix Representation:

0 1 0 0

0 0 0 1

1 0 0 0

0 0 1 0

Enter N Queens Problem: 6

Solution: 1 3 5 0 2 4

The Matrix Representation:

0 1 0 0 0 0

0 0 0 1 0 0

0 0 0 0 0 1

1 0 0 0 0 0

0 0 1 0 0 0

0 0 0 0 1 0

Enter N Queens Problem: 8

Solution: 0 4 7 5 2 6 1 3

The Matrix Representation:

1 0 0 0 0 0 0 0

0 0 0 0 1 0 0 0

0 0 0 0 0 0 0 1

0 0 0 0 0 1 0 0

0 0 1 0 0 0 0 0

0 0 0 0 0 0 1 0

0 1 0 0 0 0 0 0

0 0 0 1 0 0 0 0