Time: 1 Hour
Marks: 50

Instructions
1. Write the programs with proper comments and indentation
2. Create a directory <Admission Number>_<Date> [21JEXXXX_090122], copy all the files into it and **upload in Google Class Room**
3. Submit a single C/C++ source file
4. Do not use STL calls
5. Each program should start with these comment lines:
/*
Name:
ID No:
*/

Q1. Write a program BACKTRACK_NQUEEN to solve N queen problem with backtracking.

The **main()** function:

1. Takes number of queens N. Call the function BACKTRACK_NQUEEN [10]
2. BACKTRACK_NQUEEN places N queens into NXN chessboard such that queens do not attack each other. Also compute number of backtracking required and print the positions where queens get placed. [40]