Form 6 _____ Name _____ No. _____   Date_____

(*Ref:*

➢   *HKDSE-2016-ICT-2D-Q4*
➢   *http://connect4.gamesolver.org*   )

A chess game known as **Connect Four** is played between two players. The chess board contains seven columns (labeled as 1 to 7) and each column has seven levels (labeled as A to G). Two players should put their chess (different chess for the two players) into the columns in turns. A chess should always go down to the lowest possible level in each column. A player is said to be the winner if he can connect four successive chess horizontal, vertical or diagonally.

You are required to write a program having two playing modes:

1.   player vs. Player,
2.   player vs. Computer.

In each playing mode, the program should:

1.   ask who put the first chess,
2.   show the chess board after each move,
3.   report the winner.