I am trying to solve a puzzle and get an answer for the given condition. It is an answering problem.

Prom Dates:

Guy ‘A’ and his date (A couple), Guy ‘B’ and his date (B couple), Guy ‘C’ and his date (C couple) and guy ‘D’ and his date (D couple) are seated around a circular %table on a prom night. Guy ‘A’s’ date was appreciated by Guy ‘B’, that sat next to the left hand side of her. Guy ‘B’ was appreciated by Guy C’s date, who sat %diagonally opposite to him. Guy C’s date was appreciated by the host’s date, in between the host couple with D to her right and D's date to her left. Print the place of each person. [Please note that guy D’s date is seated at chair %number 0]

Initially, we have 4 guys and their dates seated around a circular table. The goal is to be able to find the possible positions of the people seated around the circular table.