to relació 2 y plo tranche den in It puts N, M to V, e ('no. of cities, or roads). It creater a list called visit, which ostones the visited status of each city. ad-1 stones the adjucency list of the graph. Then it loops through the rext a lines of the input tile , each containing ui and vi (biderectional road between eity wi and vi). Then it appared vi to the list at index is in dd-1, and vice verna, BFS-tovas takes ad-1 and one It eneater a list called queue, which stones the cities to be visited in the BFS order. If appoints the source city sne to the queue and marks it as visited by setting visit [sne] to 1. It loops april the queue in empty. It paps the first elem of the quene and assigns it to the variable of temp. It anited the value of temp to the output Site, tollowd by space. It bops through the list at inter temp in the add list, which contains the adjacent eitles of temp.

For each adjacent city x, it sheeter if it is not visited by comparing visit [x] to 0. A so, it marks it as visited by netting visit [m] to I and appends it to queme. Then It assigns the value of 1 to variable one which is the starting eity of the BF3. of vil Sider efforced road between esty in and vil. In of apports is to the list at index is in dol. I. De advice verno. BFS-tovan totos ad-1 and ans ? The moster a list collect queue, which stones the which to be vinited in the BFS onder. It opposeds I be nowned with sine to the querie and marker it agod to a to I said vinit Esnell to 1. I lopp exist for your in wift. It pips the first elem queen and enight it the many ble I troop of smited the water of temp to the ordered down took it and the cold like took cooking the adjacent when it top.