In DFS it takes two parameters, adj and select. It marks the selected city as visited by setting visit[select] to 1. It writes the value of select to the output file, followed by a space. This is the DFS order of the cities. It loops through the list at index select in the adj list, which contains the adjacent cities of select. For each adjacent city ad_nd, it checks if it is not visited by comparing visit[ad_nd] to 0. If so, it recursively calls the DFS_trans functions with the parameters adj and ad_nd. This way, the DFS traversal continues with the adjacent cities of the current cities.