The code reads the number of courses (N) and prerequisite requirements (M). 'OPS\_topological-sort' performs a depthfirst traversal and naturns a topologically sorted order of the courses. The function user stack to keep that of the order in which the courses are visited. BPs, topogical-ront performs a breadth-first rearch to tind a topologically sorted order of the courses It uses queue and kneps track of in-degree for earsh course. Course-order bfs' initializes a default diet to represent the grouph and an array to store in-degrees of each course, Populates the graph and in-degree based on the prenequisite requirements calling the BFS topological nont function to find a matid order of courses, writer the result to the output file or print Impossible if no volid order exists. call scourse-order-bfs with the given number of courses and preacquirite requirements.