The code defines a 'Graph' class to represent a directed graph with methods for adding edges, performing DFS, filling the order of vertices, finding the transpose of the graph, and printing sccs. The 'DFS' method performs depth-first search on the graph and writes visited vertices to an output file. The 'fill_order' method fills a stack with vertices in the order of their finishing times during the first pass. The transpose method creates and returns the transpose of the graph. The printSCCs method finds and prints strongly connected components, fills the stack with vertices finishing times, creates the transpose of the graph, performs DFS on the transpose, writing SCCs to the output file.