

Course: Graph Theory

Programming Activity 3

1. Download the following files available in the Activity 3:
 - Input files describing graphs: `G3.in` and `G4.in`.
 - Program: `dfs.cpp`.
2. Run the program for the graph `G3.in` starting from the vertex 10. Check if the depth-first search is correct for the graph.
3. Modify the method `dfs` to make the topological sorting of a graph (use `topsorting` as the name for the method and the file `.cpp`). Notice that the method `topsorting` can only be applied to directed graphs. Test the program for the graph `G4.in`.