CSL 356: Analysis and Design of Algorithms Semester-I (2012-13)

Instructor: Ragesh Jaiswal

1. Review DFS. Run DFS on example graph and show back edges, and label each vertex with the time at which it is visited.

- 2. Design an algorithm that uses DFS to find a topological ordering of a DAG.
- 3. Design an algorithm that uses DFS to find all strongly connected components of a directed graph.