

Exercise 1 Find the articulation points in the following graph. Report the DFS tree by starting from node 5 and choosing the nodes for traversal in increasing order of the labels.

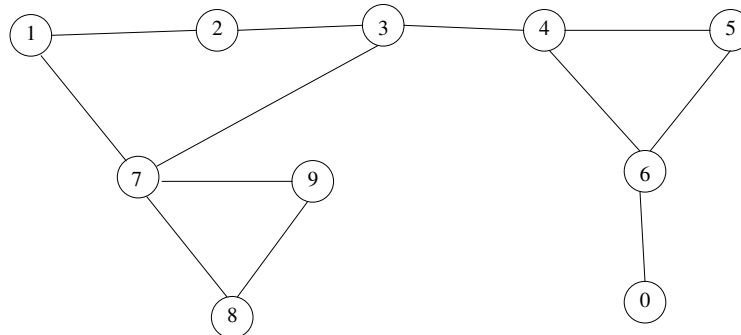


Figure 1 – Graph 1

Exercise 2 Find the strongly connected components in the following directed graph. Report the DFS tree by starting from node 5 and choosing the nodes for traversal in increasing order of the labels.

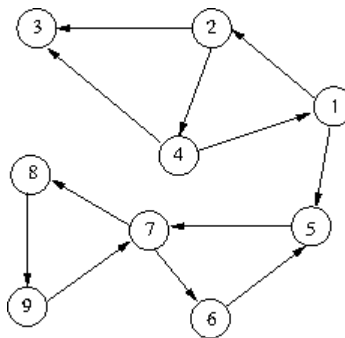


Figure 2 – Graph 2

Exercise 3 Solve the problem *Telephone* in EA2022.PL in Mooshak.