**Problem Statement:**

To implement Painted N/w Algorithm using C++ language.

**Painted Network algorithm:**

To find a path between two Sets N+ and N- in the painted network.

If a path is obtained then it solves Painted path problem.

Else it gives a solution to Painted cut problem.

**Input:**

A text file having information about arcs, nodes, and color of each graph.

Implemented using Priority Approach (DFS Method).

**Output:**

The path in the painted network with alternating arcs and nodes

OR

The Cut Set in the network if it exists.

O/p is available in terminal.