

SRM DSA 2015

Lab. Assignment 8

Implement a directed graph using adjacency matrix implementation. Further, the user inputs

- two vertices, one as source and other as destination, and
- 'k' as number of edges

The program should print all paths from source to destination that are covered in exactly k number of edges. The program must also print the count of such possible paths.

For example consider the following graph. Let source be vertex 0, destination be 3 and k be 2. The output should be 2 as there are two walks from 0 to 3 with exactly 2 edges. The walks are {0, 2, 3} and {0, 1, 3}

