

DISCRETE MATHEMATICS-SPRING 2020

Programming Assignment 1: Due Feb 29th, 2020

Make a computer program in any programming language for the **Warshall's Algorithm** pg 634 Chapter 9: Relations

You must decide yourself how you will take input of a binary relation, the output must be a matrix representation of a relation with transitive closure of the input along with a matrix showing the original relation as well.

Submission Instructions:

1. Email me link to your github repository containing the three programs.
2. Make sure the email subject is "DM Assign1: stdid 12345" where 12345 is your student id.
3. Email only to farooq@pafkiet.edu.pk

Plagiarism Policy:

1. Please don't do it.
2. You will fail the course if found so.
3. Plagiarism on any kind is not allowed.
 - a. From another student.
 - b. From any previous student.
 - c. From internet.
 - d. Code from a book.
4. The assignment is not that difficult. The Pseudo-code is already given in the book. You just need to implement it in some programming language.
5. You may look upon references of the language to learn how to work on 2d arrays, take input from user etc. but the implementation of the algorithm should be your own.