**INFO 6205**

**Program Structures & Algorithms**

**Summer Full 2018**

**Assignment 2 – TEST CASES**

A union-find algorithm is an algorithm that performs two useful operations on such a data structure:

***Find:*** Determine which subset a particular element is in. This can be used for determining if two elements are in the same subset.

***Union:*** Join two subsets into a single subset.

Union-Find Algorithm can be used to check whether an undirected graph contains cycle or not or it can be used to connect the unconnected objects.

**Test Cases: NETBEANS**

****

**OUTPUT: NETBEANS**

**Result:**

