**CS 114 Assignment 7**

**Topic: Directory (4 points)**

**For each task, submit the source code with detail comments electronically (no hardcopy).**

1. **2 points**

**Write a main program to load all Staffmember records from test.txt (use Staffmember.java as record layout) and insert into the Dictionary using SSN (the fourth field on the record) as key and the Staffmember record as element. Allow user to enter SSN to find records and remove records from the dictionary. Continue the process until user terminate or the Dictionary become empty.**

1. **1 points**

**Modify the ShapeObjectComparator.java to use the Perimeter** to **determine the sequence of object instead of area. Then modify the TestComparator.java**

**to test the result use modified ShapeObjectComparator.java.**

1. **1 points**
2. **Read the test.txt and use the name field (first field on the record) as element of a java Set.**
3. **Modify the DomainBlocker, DomainChecker to check name enter from keyboard is an employer on the list.**