**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Objective:**

* to learn backup and recovery procedure using MySQL server.
* to perform a full forward recovery of a database as well as a point a time recovery.
* to understand how the information in the backup and log files are used during recovery.

**Reading**

* Chapter 19 in murach
* Also see the Powerpoint slides posted to iLearn “11 Recovery.pptx”
* I do not have any video on Backup/Recovery.

**Do exercises #1-9 in murach page 557. Perform the exercises so you get some experience using MySQL utilities to backup and recovery a database.**

**Answer the following questions and submit as PDF file to iLearn Assignment 10**

1. Define the terms *rollback* and *roll forward*.
2. Why is it important for the DBMS to write a log record before changing the database value?
3. Describe the rollback process. Under what conditions should rollback be used?
4. Describe the roll forward process. Under what conditions should roll forward be used?