

CS 553: ADVANCED DBMS LAB (0-0-2: 1)

Suggested Laboratory Assignments:

- Assignment on DDL, DML, and DCL commands given assignment with specific data type, constraint.
- Assignment on Views, Control Structure, Procedure and Function and Trigger with suitable example.
- Assignment on Buffer management scheme with suitable example.
- Assignment on Locks and OLAP with suitable example.
- Implementation on Database in Distributed environment.
- Assignment on Data fragmentation and Distributed query processing.
- Assignment on concurrent transactions over the Distributed database.
- Interfacing and retrieval of data from heterogeneous database.
- Assignment on replication management schemes in distributed database.
- Mini project over the Data Warehouse, Knowledge Management.

Reference Books:

1. Saeed K. Rahimi (Author), Frank S. Haug. Distributed Database Management Systems: A Practical Approach, WILEY, 2010.
2. Scott Shaw Andreas François Vermeulen Ankur Gupta David Kjerrumgaard, Practical Hive, A PRESS, 2016.
3. Chhanda Ray, Distributed Database Systems, 1/e, Pearson Education, Copyright 2009.