

Assignment NO - 1

Title -> Study of Open Source Relational Databases MySQL

Objectives -> To learn and understand open source relational databases.

Outcomes -> Students will be able to learn concepts of relational databases.

Hardware requirements -> Any CPU with Pentium Processor or similar, 256 MB RAM or more, 1 GB Hard Disk or more.

Software requirements -> Ubuntu 14 Operating System
Or Windows operating System,
MySQL.

Theory -> A database-management System (DBMS) is a collection of interrelated data and a set of programs to access those data. The Collection of data, usually referred to as the database, contains information relevant to an enterprise. The primary goal of a DBMS is to provide a way to store and retrieve database information that is both convenient and efficient.

- Steps to install MySQL on Windows operating System
- Step 1 → Visit the Official MySQL Website.
- Step 2 → Go to the Downloads Section on the MySQL homepage and simply click on "No thanks, just start my download" link to proceed MySQL downloading.
- Step 3 → Run the Installer
- Step 4 → Choose the Setup Type
Note - "Developer Default" or Custom is suitable
- Step 5 → Check Requirements
- Step 6 → MySQL Downloading
- Step 7 → MySQL Installation
- Step 8 → Navigate to few Configuration Pages
- Step 9 → Create MySQL Accounts, Create a password for MySQL root user.
- Step 10 → Connect to Server
- Step 11 → Complete Installation

Step 12 -> Verify Installation

MySQL Workbench is Ready to Use!

Conclusion -> In this assignment, we have studied concept of relational databases, MySQL, DBMS and Steps to install MySQL on Windows OS.