

**IARE**INSTITUTE OF
AERONAUTICAL ENGINEERING(An Autonomous Institute affiliated to JNTUH, Hyderabad
Dandigal, Hyderabad - 500 041)**LABORATORY WORK BOOK**Name of the Student MADKI SAI CHARANClass CSE - (AIIIMU) - I Semester IVCourse Code AITD05 Course Name Database Management Systems laboratoryName of the Course Faculty MSc. B. ShikishaExercise Number 01.1 - 01.2Week Number 01

Roll Number

2 3 9 5 1 A 6 6 F 2

Faculty ID : IARE 11140

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S. No.	Exercise Number	EXERCISE NAME	MARKS AWARDED					
			Aim/ Preparation	Algorithm / Procedure		Source Code	Program Execution	Viva - Voce
				Performance in the Lab	Calculations and Graphs			
4	4	4	4	4	4	4	4	20
1	1-1	Installation and Accessing database	4		4	4	4	4 20
2	1-2	Creating and deleting a database						
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M. Sai Charan

Signature of the Student

Signature of the Faculty

(1) Introduction: A Database Management System (DBMS) is a software system that is designed to manage and organize data in a structured manner. It allows users to create, modify and query a database, as well as manage the security and access controls for that database.

We can use different Database languages and PL/SQL programming for performing Database Management in convenient manner.

Software? Oracle

Installation of Oracle Database:

Step 1: Goto Main Database Folder where you'll find Setup. Right click the Setup.exe file and choose Run as administrator.

Step 2: Click Yes to Continue. This will start Oracle Universal installer.

Step 3: Select any of the three different Installation Options according to your needs.

- option - 1: If you want to install Oracle Server Software and want to create a database also.
- option - 2: If you want to install oracle Server only.
- option - 3: If you want to upgrade Your Existing Database.

Step-4: Choose Between Server Clients and Desktop Client as per your requirement and click on Next.

Step-5: Configure the basic settings and create a password for your database. Once the configuration is done click on Next to continue.

Step-6: Oracle Universal Installer (OUI) will check for the prerequisites such as hardware compatibility.

Step-7: Click on Finish to start the Installation process. This installation might take some time depending on your hardware.

Step-8: Click OK to finish the installation.

Step-9: Copy the localhost link provided to open your Enterprise Manager.

Step-10: Click the close button and you are done with the installation process.

Go to Start Menu and

- Search Oracle Folder
- Click on Database Control - Oracle (Your Global Database Name).
- This will take you to the Login screen of your Oracle Enterprise Manager.

② Aim: Create a new database and delete a database using SQL Commands.

Solution & output:

mysql > CREATE DATABASE Southwind;

Query OK, 1 row affected (0.01 sec)

mysql > SHOW DATABASES;

Database
Information_schema
mysql
Performance_schema
Southwind
sys

5 rows in set (0.00 sec)

mysql > DROP DATABASE Southwind;

Query OK, 0 rows affected (0.01 sec)

mysql > SHOW DATABASES;

Database
Information_schema
mysql
Performance_schema
sys

4 rows in set (0.00 sec)

mysql > CREATE DATABASE IF NOT EXISTS southwind;

Query OK, 1 row affected (0.01 sec)

mysql > show databases;

Database
information_schema
mysql
Performance-schema
southwind
sys

5 rows in set (0.00 sec)

mysql > DROP DATABASE IF EXISTS southwind;

Query OK, 0 rows affected (0.01 sec)

mysql > show databases;

Database
information_schema
mysql
Performance-Schema
sys

4 rows in set (0.00 sec)

Result:

Database created successfully.

Database deleted successfully.

Commands Executed successfully.

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