

RAJALAKSHMI ENGINEERING COLLEGE
RAJALAKSHMI NAGAR, THANDALAM – 602 105



RAJALAKSHMI
ENGINEERING
COLLEGE

CS23332 DATABASE MANAGEMENT
SYSTEMS LAB

Laboratory Record Note Book

Name : P. M. Arunesh

Year / Branch / Section : 2025 / CSE - Cyber Security

University Register No. : 2116241901007

College Roll No. : 241901007

Semester : III

Academic Year : 2024 - 28



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

BONAFIDE CERTIFICATE

NAME P. M. Arunesh

ACADEMIC YEAR 2024-2028 SEMESTER 3rd BRANCH CSE - Cyber Security

UNIVERSITY REGISTER No. 2116241901007

Certified that this is the bonafide record of work done by the above student in the

Database management System
Laboratory during the year 2025 - 2026

[Signature]

Signature of Faculty - in - Charge

Submitted for the Practical Examination held on

Internal Examiner

External Examiner

INDEX

Name: P. M. Arunesh

Branch : CSE-CS Sec : A

Roll No : 241901007

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LOCATION TABLE

NAME	NULL?	TYPE
Location id	Not null	Number(4)
St addr		Varchar(40)
Postal code		Varchar(12)
City	Not null	Varchar(30)
State province		Varchar(25)
Country id		Char(2)

1. Create the DEPT table based on the DEPARTMENT following the table instance chart below. Confirm that the table is created.

Column name	ID	NAME
Key Type		
Nulls/Unique		
FK table		
FK column		
Data Type	Number	Varchar2
Length	7	25

```
mysql > create table DEPT (
    ID int,
    name varchar(25));
```

2. Create the EMP table based on the following instance chart. Confirm that the table is created.

Column name	ID	LAST_NAME	FIRST_NAME	DEPT ID
Key Type				
Nulls/Unique				
FK table				
FK column				
Data Type	Number	Varchar2	Varchar2	Number
Length	7	25	25	7

```
Create table EMP (
    ID int,
    first-name varchar(25),
    last-name varchar(25),
```

3. Modify the EMP table to allow for longer employee last names. Confirm the modification. (Hint: Increase the size to 50)

```
ALTER TABLE EMP MODIFY last_name varchar(50);
```


4. Create the EMPLOYEES2 table based on the structure of EMPLOYEES table. Include Only the Employee_id, First_name, Last_name, Salary and Dept_id columns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.


```
create TABLE EMPLOYEES2  
  Employee_id int,  
  * first_name varchar(25),  
  last_name varchar(25),  
  salary int,  
  dept_id int);
```

5. Drop the EMP table.

```
drop TABLE EMP;
```

6. Rename the EMPLOYEES2 table as EMP.

```
ALTER TABLE EMPLOYEES2 RENAME TO EMP;
```



7. Add a comment on DEPT and EMP tables. Confirm the modification by describing the table

```
ALTER TABLE DEPT COMMENT : 'Department details';  
ALTER TABLE EMP COMMENT : 'Employee details';
```

8. Drop the First_name column from the EMP table and confirm it.

```
ALTER TABLE EMP DROP first_name;
```

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	T3pb