Database and

Management System

Lab

Lab Experiment – 11

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B.Tech CSE, SEM-III, B-2

Title: To understand the concepts of Index.

Objective: Students will be able to implement the concept of index

1. Create EMPLOYEES Table and Insert Sample Data

2. Create an Index on Last Name and Department id

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CREATE INDEX employee_idx ON EMPLOYEES (Last_Name, Department_id);
```

3. Find the ROWID and Create a Unique Index on Employee_id

4. Create a Reverse Index on Employee_id

5. Create a Unique Composite Index on Employee_id to Check Duplicates

CREATE UNIQUE INDEX employee_composite_idx ON EMPLOYEES (Employee_id, Last_Name);

6. Create Function-Based Index for Case-Insensitive Search on

Last Name

CREATE INDEX last name upper idx ON EMPLOYEES (UPPER(Last Name));

7. Drop the Function-Based Index on Last Name

DROP INDEX last_name_upper_idx ON EMPLOYEES;