Database and

Management System

Lab

Lab Experiment – 12

Name: Kartikeya Singh

Roll No: R2142230051

Sap_ID: 500123812

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

Title: To understand the concepts of Sequence.

Objective: Students will be able to implement the concept of sequence.

1. **Create a sequence by name EMPID_SEQ starting with value 100 with an interval of 1.**

```
ALTER TABLE EMPLOYEES AUTO_INCREMENT = 100;
```

2. **Write a SQL command for finding the current and the next status of EMPID_SEQ.**

```
SELECT LAST_INSERT_ID();
```

```
+------------------+
| LAST_INSERT_ID() |
+------------------+
|              100 |
+------------------+
1 row in set (0.00 sec)
```

3. **Change the Cache value of the sequence EMPID_SEQ to 20 and maxvalue to 1000.**

```
ALTER TABLE EMPLOYEES AUTO_INCREMENT = 1000;
```

4. **Insert values in the EMPLOYEES table using sequences for the Employee_id column.**

```
INSERT INTO EMPLOYEES (First_Name, Last_Name, DOB, Salary, Department_id)
VALUES ('Tom', 'Hanks', '1985-12-10', 65000, 'D1');
```

```
DROP TABLE EMPLOYEES;
```