



School of Computer Science, UPES, Dehradun.

A

LABORATORY FILE

On

DATABASE MANAGEMENT
SYSTEM (DBMS) LAB

B.TECH. -III Semester

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Batch: 2

Experiment 12

To understand the concepts of Sequence.

Objective:

Students will be able to implement the concept of sequence.

Execute the following sequence related queries:

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');
```

5. Drop sequence EMPID_SEQ.

```
DROP TABLE EMPLOYEES;
```