

Course Name: DBMS Lab

Course Code: CSEG2146

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Submitted By:

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Experiment 12:

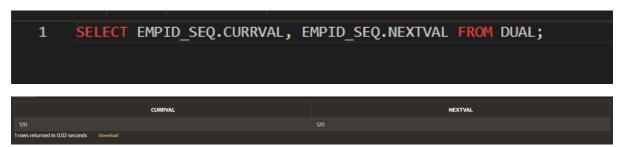
Title: To understand the concepts of Sequence.

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.

```
1 CREATE SEQUENCE EMPID_SEQ
2 START WITH 100
3 INCREMENT BY 1;
```

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



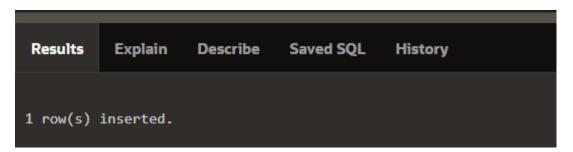
3. Change the Cache value of the sequence EMPID_SEQ to 20 and maxvalue to 1000.

```
1 ALTER SEQUENCE EMPID_SEQ
2 CACHE 20
3 MAXVALUE 1000;
```

4. Insert values in employees table using sequences for employee id column.

```
CREATE TABLE employees(
employee_id INT PRIMARY KEY,
employee_name VARCHAR(50),
department VARCHAR(30));
```

```
INSERT INTO employees (employee_id, employee_name)
VALUES (EMPID_SEQ.NEXTVAL, 'John Doe');
```



5. Drop sequence EMPID_SEQ.



6. Create a sequence called REVERSE to generate numbers in the descending order from 10000 to 1000 with a decrement of 5.

