## **NAME: ROHAN NYATI**

## **BATCH :5**

## **ROLL NO: R177219148**

## **SAPID: 500075940**

**EXPERIMENT-8**

**Title:** 8. 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.

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.

4) Insert values in employees table using sequences for employee\_id column.

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.

CREATE TABLE

create table employees( employee\_id varchar(10) ,

first\_name varchar(30) not null ,

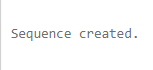
last\_name varchar(30) not null ,

salary integer not null ,

department\_id integer ) ;

CREATE SEQUENCE

create sequence emp\_seq increment by 1 start with 100 minvalue 100 maxvalue 200 ;



VALUES FOR TABLE

insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'tony' , 'jackson' , 80000 , 111) ;

insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'steve' , 'stark' , 60000 , 222) ;

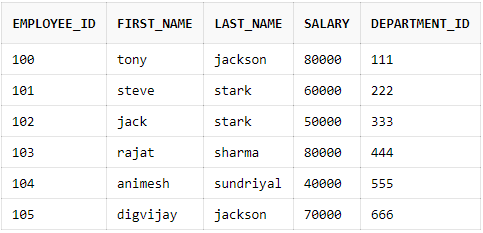
insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'jack' , 'stark' , 50000 , 333) ;

insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'rajat' , 'sharma' , 80000 , 444) ;

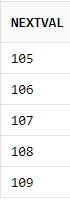
insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'animesh' , 'sundriyal' , 40000 , 555) ;

insert into employees(employee\_id ,first\_name , last\_name , salary , department\_id)values(emp\_seq.nextval , 'digvijay' , 'jackson' , 70000 , 666) ;

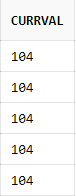
select \* from employees ;



select emp\_seq.nextval from employees ;



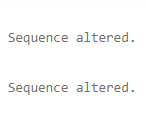
select emp\_seq.currval from employees ;



CHANGING FORMAT

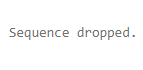
Alter sequence emp\_seq cycle cache 20;

Alter sequence emp\_seq maxvalue 1000;



DELETE SEQUENCE

drop sequence emp\_seq ;



REVERSE

Create sequence reverse start with 10000 maxvalue 10000

minvalue 1000 increment by -5 ;

