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**EXPERIMENT-8**

Title: To understand the concepts of Sequence.

Q1. Create a sequence by name EMPID\_SEQ starting with value 100 with an interval of 1.

Code:

--1

CREATE SEQUENCE EMPID\_SEQ

START WITH 100

INCREMENT BY 1

MINVALUE 100

MAXVALUE 200

CYCLE;

Screenshot:

Q2. Write a SOL command for finding the current and the next status of EMPID SEQ.

Code:

--2

SELECT EMPID\_SEQ.NEXTVAL FROM EMP;

SELECT EMPID\_SEQ.CURRVAL FROM EMP;

Screenshot:

Q3. Change the Cache value of the sequence EMPID\_SEQ to 20 and maxvalue to 1000..

Code:

--3

ALTER SEQUENCE EMPID\_SEQ

MAXVALUE 1000

CACHE 20;

Screenshot:

Q4. Insert values in employees table using sequences for employee id column.

Code:

--4

INSERT INTO EMP VALUES (EMPID\_SEQ.NEXTVAL, 'DEVASHISH', 'BOSS', '8000', '16-NOV-99', '6000', '4000', '10');

SELECT \* FROM EMP;

Screenshot:

Q5. Drop sequence EMPID SEQ.

Code:

--5

DROP SEQUENCE EMPID\_SEQ;

Screenshot:

Q6. Create a sequence called REVERSE to generate numbers in the descending order from 10000 to 1000 with a decrement of 5.

Code:

--6

CREATE SEQUENCE REVERSE

START WITH 10000

INCREMENT BY -5

MINVALUE 1000

MAXVALUE 10000

CYCLE

CACHE 3;

Screenshot: