Experiment – 12

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.

```
CREATE SEQUENCE EMPID_SEQ

START WITH 100

INCREMENT BY 1;
```

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

```
SELECT EMPID_SEQ.NEXTVAL AS Next_Value FROM dual;

SELECT EMPID_SEQ.CURRVAL AS Current_Value FROM dual;
```

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

```
ALTER SEQUENCE EMPID_SEQ

CACHE 20

MAXVALUE 1000;
```

4. Insert values in employees table using sequences for employee_id column.

```
SELECT EMPID_SEQ.NEXTVAL FROM dual;
```

5. Drop sequence EMPID_SEQ.

```
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 SEQUENCE REVERSE

START WITH 10000

INCREMENT BY -5

MINVALUE 1000;
```