

1. Create a sequence for populating the Customer# column of the CUSTOMERS table. When setting the start and increment values, keep in mind that data already exists in this table.

Rows 10 Clear Command Find Tables Save Run

create sequence customers_customer#_seq increment by 1 start with 10
nocache
nominvalue
nomaxvalue
nocycle

Results Explain Describe Saved SQL History

Sequence created.

0.00 seconds

2. Add a new customer row by using the sequence created in Question 1. The only data currently available for the customer is as follows: last name = Shoulders, first name = Frank, and zip = 23567.

Rows 10 Clear Command Find Tables Save Run

insert into customers (customer#, lastname, firstname, zip)
values(customers_customer#_seq.NEXTVAL, 'Shoulders', 'Frank', 23567);

Results Explain Describe Saved SQL History

1 row(s) inserted.

0.02 seconds

3. Create a sequence that generates integers starting with the value 5. Each value should be three less than the previous value generated. The lowest possible value should be 0, and the sequence shouldn't be allowed to cycle. Name the sequence MY_FIRST_SEQ

Rows10

Clear CommandFind Tables

SaveRun

create sequence my_first_seq
increment by -3
start with 5
minvalue 0
maxvalue 5
nocycle

ResultsExplainDescribeSaved SQLHistory

Sequence created.

0.01 seconds

4. Issue a SELECT statement that displays NEXTVAL for MY_FIRST_SEQ three times. Because the value isn't being placed in a table, use the DUAL table in the FROM clause of the SELECT statement. What causes the error on the third SELECT?

Rows10

Clear CommandFind Tables

SaveRun

select MY_FIRST_SEQ.NEXTVAL from dual

ResultsExplainDescribeSaved SQLHistory

| NEXTVAL |
|---------|
| -4 |

1 rows returned in 0.00 secondsDownload

5. Change the setting of MY_FIRST_SEQ so that the minimum value that can be generated is –1000

Rows

10

Clear Command

Find Tables

Save

Run

alter sequence my_first_seq minvalue -1000

Results

Explain

Describe

Saved SQL

History

Sequence altered.

0.00 seconds

7. Create a private synonym that enables you to reference the MY_FIRST_SEQ object as NUMGEN

Rows

10

Clear Command

Find Tables

Save

Run

create synonym numgen for my_first_seq

Results

Explain

Describe

Saved SQL

History

Synonym created.

0.00 seconds

8. Use a `SELECT` statement to view the `CURRVAL` of `NUMGEN`. Delete the `NUMGEN` synonym and `MY_FIRST_SEQ`

Rows

10

?

Clear Command

Find Tables

Save

Run

drop synonym numgen
drop sequence my_first_seq

Results

Explain

Describe

Saved SQL

History

Synonym dropped.

0.01 seconds