

Section 12 Programming

WORKING WITH SEQUENCES

A sequence is a window through which data can be queried or changed. True or False?

False

CURRVAL is a pseudocolumn used to refer to a sequence number that the current user has just generated by referencing NEXTVAL. True or False?

True

A sequence is a database object. True or False?

True

Which is the correct syntax for specifying a maximum value in a sequence?

Maxvalue

In order to be able to generate primary key values that are not likely to contain gaps, which phrase should be included in the sequence creation statement?

NOCACHE

Which keyword is used to remove a sequence?

Drop

Why do gaps in sequences occur?

All of the above

When you alter a sequence, a new increased MAXVALUE can be entered without changing the existing number order. True or False?

True

Nextval and Currval are know as column aliases. True or False?

False

Which keyword is used to modify a sequence?

Alter

CURRVAL is a pseudocolumn used to extract successive sequence numbers from a specified sequence. True or False?

False

Examine the code for creating this sequence:

```
CREATE SEQUENCE track_id_seq
```

```
INCREMENT BY 10
```

```
START WITH 1000 MAXVALUE 10000
```

What are the first three values that would be generated by the sequence?

1000, 1010, 1020

INDEXES AND SYNONYMS

It is possible to have an indexed column in a table where a value in the table column does not exist in the index. True or False?

False

What kind of INDEX is created by Oracle when you create a primary key?

UNIQUE INDEX

All tables must have indexes on them otherwise they cannot be queried. True or False?

False

You must use a synonym to access another users table. True or False?

False

In SQL what is a synonym?

A different name for a table, view or other database object

Which of the following SQL statements shows a correct syntax example of creating a synonym accessible to all users of a database?

CREATE PUBLIC SYNONYM emp FOR EMPLOYEES

Indexes can be used to speed up queries. True or False?

True

Which of the following statements best describes indexes and their use?

They contain the column value and pointers to the data in the table, but the data is sorted.