

03 - Data Manipulation - Quiz

Quiz

I,ii,iii

Feedback:

Truncate releases the storage space used by the table.

Truncate is a DDL and hence you cannot rollback the deletion of rows after the statement executes.

Since the structure gets removed, An attempt to use DESCRIBE on the DEPT table after the TRUNCATE statement executes will display an error

storage space of a table is retained only after delete and not after truncate, hence ii is incorrect.

Truncate is a DDDL statement and cannot be rolledback, hence iii is incorrect

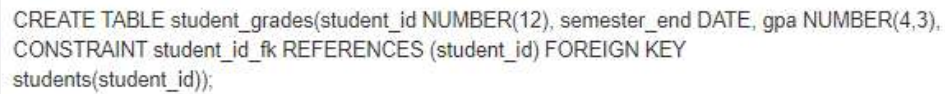
An attempt to use DESCRIBE on the DEPT table after the TRUNCATE statement executes will not show the table structure, since truncate removes the storage space used by the table. Hence v is incorrect

I,iv,vi

I,iii,vi

iv,v,vi

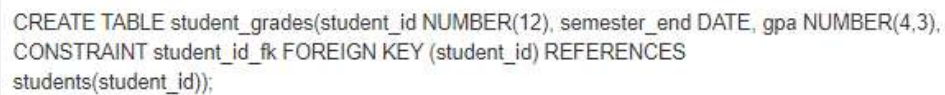
Please Note : You can close



CONSTRAINT student_id_fk FOREIGN KEY (student_id) REFERENCES students(student_id) is the correct syntax for foreign key constraint

```
CREATE TABLE student_grades(student_id NUMBER(12), semester_end DATE, gpa, NUMBER(4,3),
student_id_fk FOREIGN KEY (student_id) REFERENCES students(student_id));
```

```
CREATE TABLE student_grades(student_id NUMBER(12), semester_end DATE, gpa, NUMBER(4,3),
CONSTRAINT FOREIGN KEY (student_id) REFERENCES students(student_id));
```



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3. Which statement restores Customer table if it was dropped accidentally?

<input checked="" type="checkbox"/>	FLASHBACK TABLE Customer TO BEFORE DROP;
	Feedback: flashback command is used to retrieve the dropped table
<input type="checkbox"/>	FLASHBACK TABLE Customer TO AFTER DROP;
<input type="checkbox"/>	FLASHBACK TABLE Customer TO TIMESTAMP 1;
<input type="checkbox"/>	FLASHBACK TABLE Customer TO BEFORE SCN;

Score 0.00 of 1

4. Which DML statement is used for deleting a column of table?

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Quiz

Score 0.00 of 1

4. Which DML statement is used for deleting a column of table?

<input type="radio"/>	DELETE table_name WHERE column_name = column name to be deleted
Feedback: Alter table must be used to delete a column which is a DDL command	
<input type="radio"/>	UPDATE table SET column name = NULL
<input type="radio"/>	DELETE column_name FROM table
<input checked="" type="radio"/>	There is no DML statement to delete a column from a table



Score 0.00 of 1

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Score 0.00 of 1

5. What will be the output of this query?
INSERT INTO Temp_Cust
SELECT * FROM Customer WHERE cust_type = 'A';

	Inserts into Customer table taking data from Temp_Cust table
	Feedback: Output of SELECT gets inserted into the Temp_Cust table.
	Inserts into Temp_Cust table taking all rows from Customer table
	Inserts into Temp_Cust table taking selected rows from Customer table
	Error, as SELECT cannot be used with INSERT statement

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Total number of questions in this Quiz
Total attempts of this Quiz
Total attempts so far
Total time limit
Total number of questions attempted
Please Note : You can close this Quiz at any time.

Quiz

6. Identify which are the DDL commands from the given list of DDL commands
Create, Alter, Select, Delete, Truncate, merge

<input type="radio"/>	Create, alter, delete, truncate
<input checked="" type="radio"/>	Create, Alter, Truncate
<input type="radio"/>	Create, Alter
<input type="radio"/>	Create, truncate, merge

Score 0.00 of 1

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Quiz

1001	Alan	10
1002	Bob	5
1003	Bob	20

What happens when the below query is executed:
`update emp set deptno = (select deptno from emp where Ename = 'Bob')
where deptno = 10`

update the department number of Bbo to the same department as that of employees working in department 10

Feedback:

If the Subquery retruns multiple rows, "=" to be replaced by "IN"

update the department number of all employees to the same department as that of employees working in department 10

update the department number of employees working in department 10 to the same department as that of employee Bob

Gives an Error, since there are two employees by name Bob



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Quiz

10 BCM
15 EMEA
20 PED There is a foreign key reference between the deptno of the dept table and deptno of the emp table
What happens when the below query is executed:
update emp set deptno = 40
where Ename = 'Alan'

	Updates the department number of all employees successfully
	Feedback: When there is a foreign key reference, No employee can work on a department which does not exist
	Updates the department number of Alan successfully
	Updates the department number of Alan successfully, and creates a record for department no 40 in dept table
	Error

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Quiz

9. Consider the table Emp and data as follows

EMPNO	ENAME	DEPTNO
1001	Alan	10
1002	Bob	
1003	Sam	20

Predict the output of the following query.
DELETE FROM Emp WHERE Deptno = 'NULL';

1 row deleted

Feedback:
NULL should not be enclosed in double quotes

2 rows deleted

3 rows deleted

0 rows deleted



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Quiz

DROP TABLE DEPT;

Which of the below are true about the SQL statement?

- i. You can roll back the deletion of rows after the statement executes.
- ii. You can NOT roll back the deletion of rows after the statement executes
- iii. An attempt to use DESCRIBE on the DEPT table after the drop statement executes will still show the table structure

	i
Feedback: Drop is a DDL statement which removes the data as well as the structure permanently	
	ii
	I and ii