

Lesson 05 Database Objects

DBMS/SQL

Lesson Objectives

To understand the following Database Objects:

- Examples of CREATE TABLE



Table

Tables are objects, which store the user data.

Use the CREATE TABLE statement to create a table, which is the basic structure to hold data.

For example:

```
CREATE TABLE book_master  
(book_code number,  
  book_name varchar2(50),  
  book_pub_year number,  
  book_pub_author varchar2(50));
```

Create new table based on existing table

Constraints on an “old table” will not be applicable for a “new table”.

```
CREATE TABLE student_dept10 AS  
SELECT student_code, student_name  
FROM student_master WHERE dept_code = 10
```

Drop a Table

The DROP TABLE command is used to remove the definition of a table from the database.

For Example:

```
DROP TABLE staff_master;
```

```
DROP TABLE Department_master  
CASCADE CONSTRAINTS;
```

Rename a Table

The RENAME command is used to give a new name to the table. Views can also be renamed using this command

For Example:

```
RENAME staff_master TO new_staffmaster;
```

Truncating a Table

The TRUNCATE command is used to permanently remove the data from a table, keeping the table structure intact.

For Example:

```
TRUNCATE TABLE staff_master ;
```

Summary

In this lesson, you have learnt:

- How to create tables?

