

ORACLE SQL FUNDAMENTALS Training Program 1Z0-061

Course Prerequisite

This program is for whom who are interested in the Oracle Certified Professional on the track Database 12c. Those candidates who are fresh to enter in the certification of oracle database may join this course and further two course for OCA and OCP.

Before entering the program, candidates have a basic working knowledge of Computers, software/application and databases.

**100,000+ Students
have been Trained**

**since
1997**

**Program is
offered by**

**3D EDUCATORS
INTL**
22 Years of
Excellence in
Training &
Development

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only Asset
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ORACLE DATABASE 12C SQL FUNDAMENTALS TRAINING PROGRAM

Oracle 12c fundamental is designed to handle the ever-increasing data needs of modern organizations. Effective management of Oracle 12c capabilities can help organizations ensure the integrity and security of data. In this hands-on course, you maximize the features of Oracle 12c to build and maintain databases, configure memory and storage for optimal performance, and manage large amounts of data.

Oracle Certification Information (OCP - DBA)

Exam Number:	1Z0-061
Associated Certifications:	Oracle Database 12c: SQL Fundamentals1Z0-061
Duration:	120 minutes
# of Questions:	75
Passing Score:	65%

EXAM

1Z0 - 061

Oracle SQL Fundamentals

1Z0-061 Oracle Database 12c: SQL
Fundamentals I



EXAM

Oracle Database 12c:

Administration I

1Z0-062

At this stage candidate
become OCA – Oracle
Certified Associate



ORACLE®

EXAM

Oracle Database 12c:

Administration II

1Z0 - 063

Database 12c Oracle Certified
Professional



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ORACLE DATABASE 12C SQL FUNDAMENTALS TRAINING PROGRAM Program Details

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Inauguration

The Training Program will be inaugurated by a senior member of 3D EDUCATORS

Program Structure

No of classes per week	01 Class
Duration of each class	2- Hour

Other Learning Activities

Classroom Assignment	6
Presentations by Trainees	1
Hands on Training	10 Hours
Interactive Training with server Technologies	10 Hours

About the Program Instructor

The “12c DBA SQL Fundamentals” training program has been designed by Oracle and conduct by 3D-Educators – Trainers and Consultants.

The “12c DBA SQL Fundamentals” Program has been conducted by Senior certified and qualified 12c Programmers and I.T. professionals, who have extensive experience in training and implementation of 12c. They have worked with various large commercial banks, Private, Multinational and public sector companies.

They trainers are foreign qualified and having the degrees of MBA, BCS along with the certification of Oracle E-Business Suit 12xx, Oracle DBA and Siebel Certified Consultant, More they having the experience of Implementing ERP and database in local and multinational firms.



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Audience

- Database Administrators
- Database Designers
- Developer
- Support Engineer
- Technical Administrator

Learn To:

- Develop essential SQL skills that enable developers to write queries against single and multiple tables.
- Manipulate data in tables.
- Create database objects.
- Use single row functions to customize output.
- Work with group functions to report aggregated data.
- Use conversion functions and conditional expressions.
- Manipulate queries to return required data.
- Perform calculations on data.
- Administer database objects.

Benefits to You

By enrolling in one of Oracle University's Self-Study Courses, you can download the course material and learn at your own pace. Build a foundation of SQL knowledge on your own time, from anywhere that's convenient for you.



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COURSE CONTENT:

INTRODUCTION

- Explain the theoretical and physical aspects of a relational database)

RESTRICTING AND SORTING DATA:

- Limit the rows that are retrieved by a query
- Sort the rows that are retrieved by a query
- Use ampersand substitution to restrict and sort output at runtime
- Use SQL row limiting clause

USING CONVERSION FUNCTIONS AND CONDITIONAL EXPRESSIONS:

- Describe various types of conversion functions that are available in SQL
- Use the TO_CHAR, TO_NUMBER, and TO_DATE conversion functions
- Apply conditional expressions in a SELECT statement

Displaying Data from Multiple Tables Using Joins:

- Use SELECT statements to access data from more than one table using equijoins and nonequijoins
- Join a table to itself by using a self-join
- View data that generally does not meet a join condition by using OUTER joins



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Managing Tables using DML statements

- Insert rows into a table
- Update rows in a table
- Delete rows from a table
- Control transactions

Retrieving Data using the SQL SELECT Statement

- Execute a basic SELECT statement

Using Single-Row Functions to Customize Output

- Describe various types of functions available in SQL
- Use character, number, and date functions in SELECT statements

Reporting Aggregated Data Using the Group Functions

- Describe the use of group functions
- Group data by using the GROUP BY clause
- Include or exclude grouped rows by using the HAVING clause

Using Subqueries to Solve Queries

- Define subqueries
- Describe the types of problems that the subqueries can solve
- Describe the types of subqueries
- Use single-row and multiple-row subqueries
- Use a set operator to combine multiple queries into a single query
- Control the order of rows returned



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Introduction to Data Definition Language

- Describe the data types that are available for columns
- Create a simple table
- Create constraints for tables
- Describe how schema objects work



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Terms& Conditions

WITHDRAWAL FROM THE DIPLOMA/CERTIFICATION

Students are not allowed to withdraw from the Diploma. If a student cannot continue the Diploma his/her fee will be forfeited.

CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student's performance in the Diploma – class participation, submission of assignments, quizzes and exercises.



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The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

A	87 - 100
B+	81 -86
B	72 - 80
C+	66 - 71
C	60 - 65
F	below 60



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Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.



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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website <http://www.3deducators.com>. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

Suite # 7, Nobel Heights, Opposite Sales Tax House, KDA Scheme # 7, Main University Road – Karachi
Ph: 021-34857148, 021-34141329, 0333-2402474 info@3deducators.com, <http://www.3deducators.com>



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PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

CONTACT US

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021-34857148

info@3deducators.com

<http://www.3deducators.com>

Get the Admission Form

Download Form 

**MANAGEMENT
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