



Jump2Learn

Jump2Learn

The Online Learning Place

Website : www.jump2learn.com | Email : info@jump2learn.com | YouTube : [Jump2Learn](https://www.youtube.com/Jump2Learn)
Facebook Page : www.facebook.com/Jump2Learn | Instagram : www.instagram.com/jump2learn

Course 205: Concepts of Relational Database Management System

Course Content	
	<p>Unit-1. Introduction of Relational model</p> <ul style="list-style-type: none">1.1 Codd's Rules1.2 Relational operations Algebra (select, project, union, intersection, rename)1.3 Transaction control language: commit, savepoint, rollback1.4 Data Control language: Grant, Revoke <p>Unit-2 Advanced SQL</p> <ul style="list-style-type: none">2.1 Data types (NUMBER, CHAR, VARCHAR, VARCHAR2, CLOB, NCLOB, LONG, DATE, RAW, LONGROW)2.2 ROWID pseudo column & DUAL table2.3 DATE Functions (SYSDATE, SYSTIMESTAMP, TO_CHAR, TRUNC, ROUND, NEXT_DAY, LAST_DAY, MONTHS_BETWEEN, ADD_MONTHS)2.4 Concepts of Index (Create, drop)2.5 Join Queries<ul style="list-style-type: none">2.5.1 Inner Join2.5.2 Outer Join (Left, Right, Full)2.5.3 Cross Join2.6 Sub Queries with (Insert, update and Delete)2.7 Nested queries <p>Unit-3: PL/SQL and conditional Statements :</p> <ul style="list-style-type: none">3.1 Introduction to PL/SQL (Definition & Block Structure)3.2 Variables, Constants and Data Type3.3 Assigning Values to Variables3.4 User Defined Record3.5 Conditional Statements<ul style="list-style-type: none">3.5.1 IF...THEN statement3.5.2 IF..Else statements3.5.3 multiple conditions3.5.4 Nested IF statements3.5.5 CASE statements <p>Unit-4 : Iterative Statements :</p> <ul style="list-style-type: none">4.1 Iterative statements :<ul style="list-style-type: none">4.1.1 Loop..End Loop4.1.2 For.. Loop4.1.3 While Loop4.1.4 EXIT Loop4.1.5 Continue



Jump2Learn

Jump2Learn

The Online Learning Place

Website : www.jump2learn.com | Email : info@jump2learn.com | YouTube : [Jump2Learn](https://www.youtube.com/Jump2Learn)
Facebook Page : www.facebook.com/Jump2Learn | Instagram : www.instagram.com/jump2learn

Unit-5: Cursors and Exception Handling:

5.1 Concepts of Cursors

5.1.1 Types of cursors (Implicit & Explicit)

5.1.2 Declare, open, fetch and close cursors.

5.2 Cursor Attributes :

(%FOUND,%NOTFOUND,%ISOPEN,%ROWCOUNT)

5.3 Exception Handling in PL/SQL

5.3.1 Types of Exceptions:

5.3.1.1 Named System Exceptions

5.3.1.2 Unnamed System Exceptions

5.3.1.3 User-defined Exceptions

5.3.1.4 User Defined Exceptions

5.3.2 Exception Handling

Jump2Learn