Prajakta Potil Namel Lab Assignment - 3 Title: Design at least 10 SQL quenes for suitable database application using SQL DML statement. Insert, select, Update, Belete with operations functions & set operation - ROLL No - CO3048 - Class - TE - Subject - Dotabase Management System Laboratory

Title : 1 Select 2) Insert Purpose Adds new nows to a table. INSERT INTO table name (columns, columns,) VALUES (1, John Doe', Software Engineer, 60000); INSERT INTO Jobble name 3) Update Purpose: Modifier Existing nows in a table syntax UPDATE table name SET column 1 = value 1, column 2 = value 2, -LIHERE Condition; To updata the salary of the employee tubler INSERT INTO employee (id name, position, salary) VALUES (1, John Doe, software Engineer 6000); 4 DELETE : Purpose i- Removes nows from table syntax. DELETE FROM table name WHERE Condition;

A Aggregation functions

Aggregation functions

calculation on multiple rows of data to return a single symmony value. D. Count is Ripposer Return the no of your that moth a specified condition Syntax - COUNT (expression) SELECT COUNT (3) As total - employee FROM employer 2) SUME Purpose: Return the total sum of a pumers colons syntax'r SUM column hame eg SELECT SUM (salary) As total salargy FROM employee 3) AVG-Rispose: Return the aug value of numeric Olumn syntaxi Ava (alumn-name) SELECT AVER (Solony Ar garage-salary) FROM employees.

· Aim > Design at least 10 sqL queries for suitable database application using SAZ DML statm Invest, select update, Delete with opening for 4 set operator Objective + To develop basic intermediate of advanced database programming skills · Theory's DML 3tatements - Data Monipulato Language statements are a subject of sql commands used to manage of manipulate the data stored within a relational database. - DML statemements allowed to perform various operat on the data , such as retrieving inserting updating & deleting records 1) SELECT - Purpose r Retrieves data from one or more tables - symax: SELECT Columns, Columns, --FROM table-name LIHERE condition suppose we have a table name employees with column id, name, position of salary.

A Companison operator 1) Equal to (=) = Purpose - checks if two values are equal syntax column name = value SELECT - FROM employee , LIHERE name = Alice! 2) NOT equal to (<> or =)
Purposer checks if two values are not equal Syntax: column name > value SELECT > FROM employers LIMERE department > Sales 3) Greater than (>); Purpose is the values on the left is peats. than the value on right syntax: column name value Purpose - chicks if the value on the loss is the syntax - Syntax a) less than (0) Column name walks

Purpose - Return the smallest value in a column syntaxt MIN (column name) SPLECT MIN (solonyy) As Lovest solony
from employees. 5) MAXI Purpose i Return the largest value in a column syntaxi MAX (column-name) SELECT MIN Gratary) as lawy solary FROM employees Max Pyrpose - Return the largest value in a column syntax = MAx (co/umn-name) SELECT MAX (salary) As highest_salary FROM employees;

To sort employee by solvey in descently or the FROM employees
ORDER By salary DEIC; A Conclusions Thus we have studied has to use it implement DML statement & by some gentles

Purpose than equal to (>=)
Purpose than or equal to values on left is greater
than or equal to value on right column nome > = value Purpose + checks if the value on left is less than or equal to value on right syntax Column name <= value · Order by cloude to of query in either according or descending order of a guery based on one or more columns By default it sorts in excending order syntaxi SFIECT column 1, column 2, -FROM Fable name LORDER By Column I (AS DESC).