Creating a Classroom dataset for practice

CREATE TABLE classroom

(rolling into PRIMARY IKEY)

mame varchar (50) NOT NULL,

house char (12) NOT NULL,

grade char (1)

);

INSERT INTO classroom

(rolling, name, house, grade)

VALUES

(1) (Sam), (AKash), (B') (2, 1Ram 1, 'Agni', 1A1), (3, 1 Shyam), (Jal), (B1), (4, 1 Sundar), 'Agni!, (71), (5, 1Ram', 'Yayu', 131);

SELECT Statement

The SELECT statement is used to select data from a databaso.

Syman:

SELECT courm-name FROM table-name;

To select all the fields available in the table

Syntanino modbodi ont.

SELECT of FROM table_name;

To select distinct / unique fields available in the Jable

Syntan:

SELECT DISTINCT column - nome FROM table - nom

WHERE Clause

The WHERE clause is used to filter records. It is used to extract only shose records short fulfill a specified condition

Syman

SELECT column_name FROM Jable name WHERE conditions;

The ORTER By in used to sort the nesult-set

Example again house some was as 3375

SELECT name FROM classroom MHEKE deage = , 4;

Operators In SOL (101 Merso)

called operators, which are used with a where clause in a SQL query.

Most used operators:

(I) Arithmetic operators: Arithmetic operations on numeric values. Example: Addition (+), Substraction(), Multiplication (+), Division (1), Hodulus (16).

- (5) Comparison operators: compare two different data of SQL table. Example: Equal(=), Not Equal (!=), Concater Than (>), concater Thom Equals to (>)
- 3) Logical operators: perform the Boolean operations Example: ALL, IN, BETWEEN, LIKE, AND, OR, NOT, ANY. Delenso short engine
- 4) Bitwise operators: perform the bit operations on the integer values. Example? Bitwise AND(2), Bitwise OR (1)

LIMITATO Clause of lower of gendo 393400 900

The LIMIT clause is used to set on upper limit on the number of tuples retweened by SQL.

Example: below code will sufuern 5 sous of

SELECT column_nome FROM table_nome LIMIT 5,000 people MORT some TUBUSE

ORDER BY Clause 1917 Short 3 49410

The ORDER By is used to sort the viesult-set in ascending (ASC) or descending (DESC) order. Example: below code will sout the outpet alda by columns name in ascending order. SELECT adumn-name FROM table-name ORDER BY column-name & ASC:

Stept - Go to your clarabase then lable and select table Data Import Wizad' and dick. Step2 - select your file path and click next, next then finish. Storing function Functions In SQL > Functions in SQL are the valabase objects that contains a set of SQL statement to perform a specific task. A function accepts input parameters, perform actions, and then veturn the oresult. Types of Functions 3 system Defined Function: These are built-in functions. Example: somel (), round (), upper(), lower (), count (), sum (), ang (), max (), rete. Defined Function: Once you define a function, you can call it in the same way Hast Used string Functions: Stoing functions are used to prenform on governation on input storing and neturn on output storing. UPPER() converts the value of a field to upporcase OWER() converts the value of a field to lowercase ENGTH() returns the length of the value in a tex UBSTRINGS) extracts a substring focon a string. vow () ne surns the current system date and time. -ORMAT() used to set the format of a Rield.

CON CAT() - adds two or more strings together.

REPLACE() - Replaces all occurrences of a substring within a new string, with a new substring TRIM() recommoves leading and trailing spaces for other specified characters) from a string.