

Date:- 11/6/20

Course:- MySQL

Topic:- Insert data into MySQL.

Name:- Harshitha.T

USN:- HALITEC106

Sem & Sect:- 6<sup>th</sup> B.

\* Insert data into MySQL.

rules:- → The SQL query must be quoted in PHP.

→ String values inside the SQL query must be quoted

→ Numeric values must not be quoted

→ The word NULL must not be quoted

Syntax:- INSERT INTO table-name (column1, column2, column3 ---)  
VALUES (values1, values2, values3 ----)

\* MySQL Joins:

different types of MySQL joins

→ MySQL INNER JOIN (or sometimes called simple join)

→ MySQL LEFT OUTER JOIN (or sometimes called LEFT JOIN)

→ MySQL RIGHT OUTER JOIN (or sometimes called RIGHT JOIN)

\* INNER join return all rows from multiple tables where the join condition is met

\* Left join syntax

SELECT column-name(s)

FROM table1

LEFT JOIN table2

ON table1.column\_name = table2  
column\_name;

\* Right join syntax.

SELECT column-name(s)

FROM table1

Right JOIN table2

ON table1.column\_name =  
table2 column\_name;

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Course:- PCB design using KiCad

USN:- HALITEC106

Sem & Sec:- 6<sup>th</sup> B.

Topic:- Add footprints search path

- \* When creating a custom PCB footprint for a component, it is stored somewhere on your computer. In order for design Entry CIs to find where a custom footprint is stored & associate it with a schematic component, the library search path must be changed so that Design Entry CIs know where to look.
- \* Depending on how cadence is installed on your computer the full path should be similar to:-  
C:\Program Files\Cadence\SPB\_17.2\share\pcb\pcb\_lib\symbols
- \* Depending on how cadence is installed on your computer, the full path should be similar to C:\cadence\SPB\_Data
- \* You have successfully added a library search path to Design Entry CIs. If you are still not able to attach your custom footprints to schematic symbols, re-check the above steps and make sure your custom footprint name is correct.
- \* The most widely used file format for PCB manufacturing is called Gerber.
- \* When manufacturers request "Gerbers" or "Gerber files" they are referring to ASCII file that contain Gerber-formatted data
- \* Drill file should also be generated