# DAILY ASSESSMENT FORMAT

| Date: | 09/06/2020 | Name: | Nishanth |
|---|---|---|---|
| Course: | Pcb design | USN: | 4al17ec063 |
| Topic: | 1.Introduction<br><br>2.Getting started with PCB Design | Semester & Section: | 6<sup>th</sup>b-section |
| GitHub Repository: | nishanthvr | | |

| FORENOON SESSION DETAILS |
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**KiCad** is a free software suite for electronic design automation (EDA). It facilitates the design of schematics for electronic circuits and their conversion to PCB designs. KiCad was originally developed by Jean-Pierre Charras. It features an integrated environment for schematic capture and PCB layout design. Tools exist within the package to create a bill of materials, artwork, Gerber files, and 3D views of the PCB and its componens.

We learn:

1.netlist and footprint association and plaong pcb items
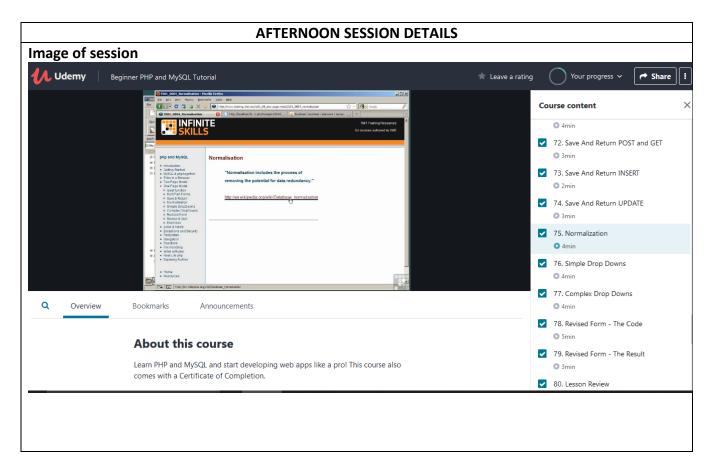
2.silk screen and copper pour

3.mounting holes

| Date: | 09 /06/2020 | Name: | Nishanth |
|---|---|---|---|
| Course: | Beginner PHP and MYSQL | USN: | 4al17ec063 |

| AFTERNOON SESSION DETAILS |
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| **Image of session** |



PHP Arrays

Arrays are complex variables that allow us to store more than one value or a group of values under a single variable name. Let's suppose you want to store colors in your PHP script.

## Types of Arrays in PHP

There are three types of arrays that you can create. These are:

- **Indexed array** — An array with a numeric key.
- **Associative array** — An array where each key has its own specific value.
- **Multidimensional array** — An array containing one or more arrays within itself.

Variables are used to store data, like string of text, numbers, etc. Variable values can change over the course of a script. Here're some important things to know about variables:

- In PHP, a variable does not need to be declared before adding a value to it. PHP automatically converts the variable to the correct data type, depending on its value.
- After declaring a variable it can be reused throughout the code.
- The assignment operator (=) used to assign value to a variable.

**Different Types of Loops in PHP**

Loops are used to execute the same block of code again and again, as long as a certain condition is met. The basic idea behind a loop is to automate the repetitive tasks within a program to save the time and effort. PHP supports four different types of loops.

- **while** — loops through a block of code as long as the condition specified evaluates to true.
- **do…while** — the block of code executed once and then condition is evaluated. If the condition is true the statement is repeated as long as the specified condition is true.
- **for** — loops through a block of code until the counter reaches a specified number.
- **foreach** — loops through a block of code for each element in an array.

You will also learn how to loop through the values of array using `foreach()` loop at the end of this chapter. The `foreach()` loop work specifically with arrays.