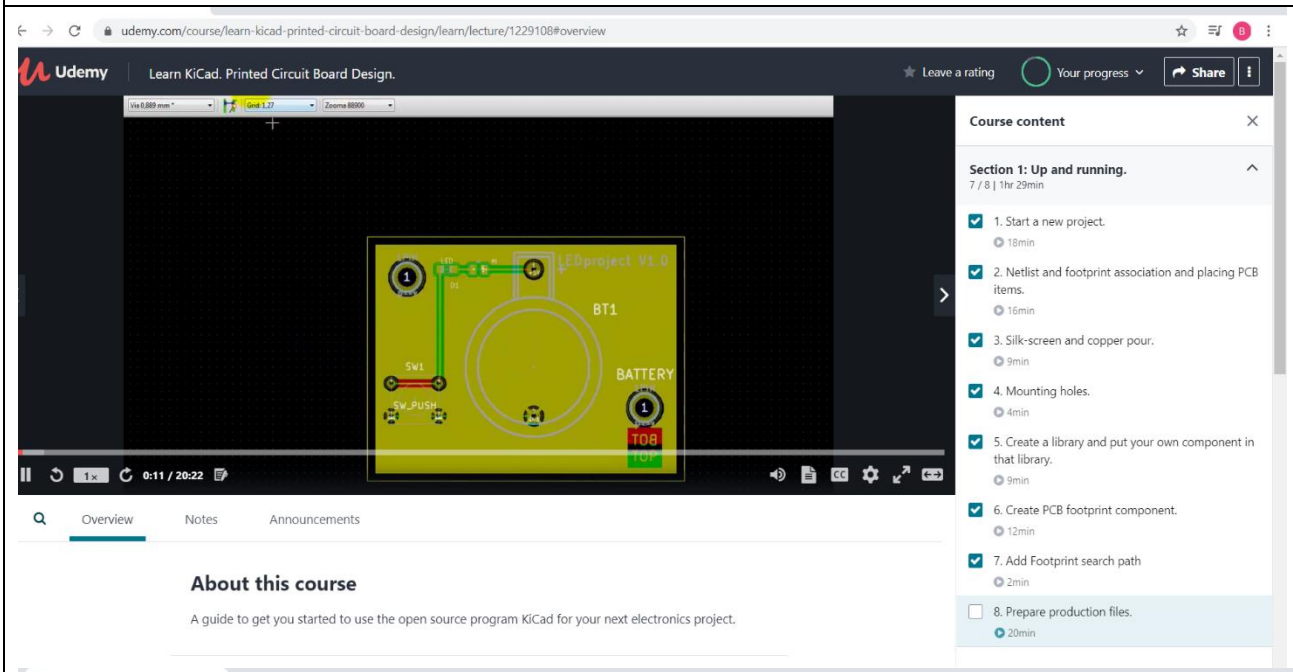
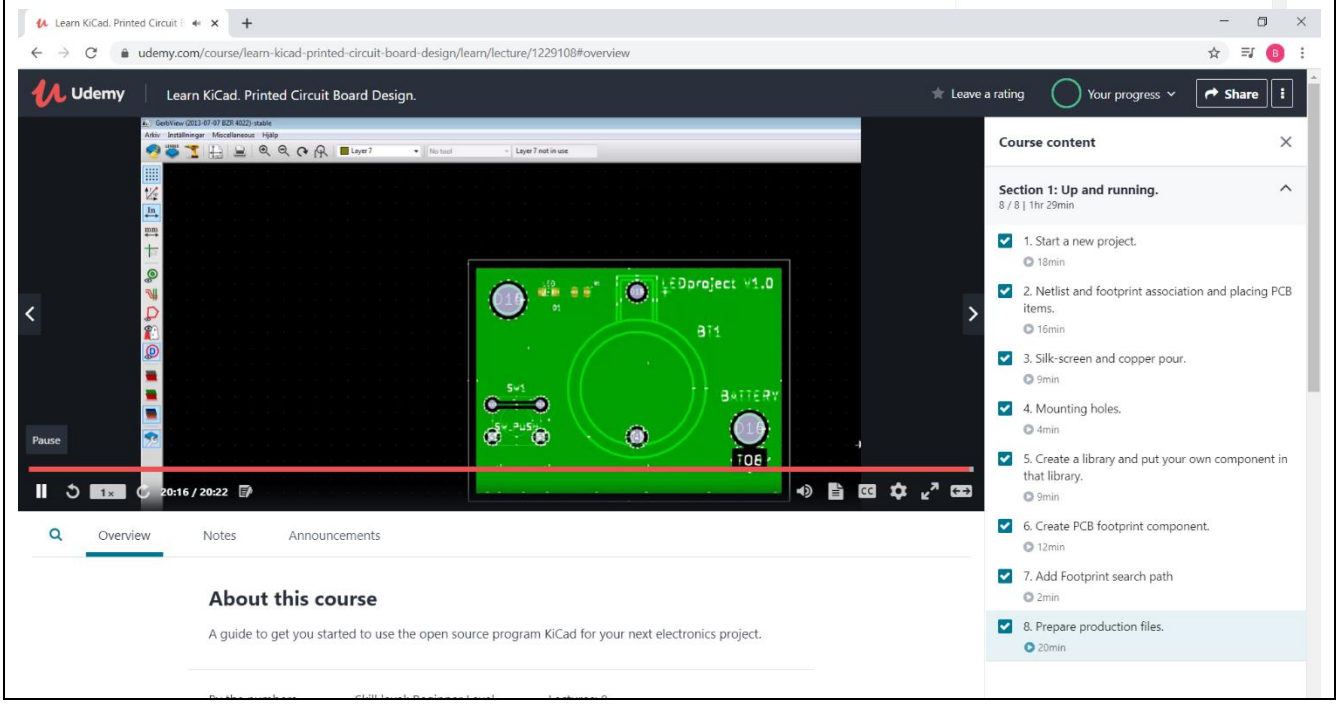
DAILY ASSESSMENT FORMAT

Date:	**9-06-2020**	**Name:**	**BINDUSHRI**
Course:	**KICAD-PCB**	**USN:**	**4AL17EC011**
Topic:	**Sec1-completed**		**6th A**
Github Repository:	**Bindushri**		

FORENOON SESSION DETAILS





9-06-2020 – Kikad – PCB

Steps: to create the schematic:-
Kicad → file → new → Blank project
↓
Select where to place the project
↓
Create a folder → Create file inside the folder.
* open schematic editor
↳ file → save as schematic project
* page setting → A4, Revision no: 0.1, title:- The switch thingy
company: My company Ltd, comment1: Bindu
* ① fit the schematic.

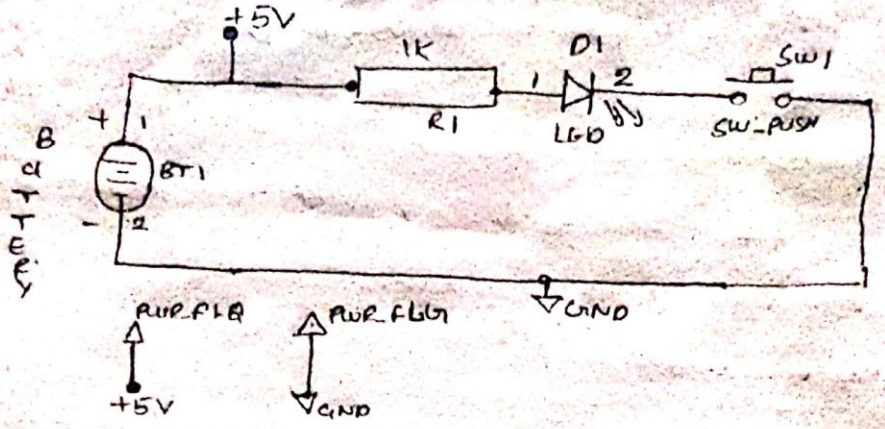
To place to component.
* click icon place component and then click anywhere on page.
* and click device. → search for R → the select and place it ~~onthe~~
→ In order to learn the short cut keys → ? (press).
* And place one more Resistor.
→ Search led, Battery, switch [SWITCH_PUSH_SMALL].
→ connect wires using [W] key.

* In order to give value.
→ press E [Edit] → give Resistor value as 1K
* And to annotate
press the annotate the schematic → Annotation → ok
* to place the power & GND
→ Search +5V and GND.

* then save.

↓ And also connect PWR_FLAG -> +5V PWR_FLAG-GND Separate

* Perform design rule check → tester. [to check the errors]



* NetIPSt

→ When schematic there is a connection b/w components that connection is called netIPSt

→ Click at the top of page [Generate netIPSt] →

Pcbnew → netIPSt → Save it in same folder.

→ EvPcb → at the top of page → (associate footprint) to do that.

R21 → 1K : SM0805) double click

BT1 - Battery: CR2032H

D1 → LED : LED-0805

SW1 - SW_PUSH: SW_PUSH_SMALL

↓ Close and save

→ Run Pcbnew → at top

the import associated netlist and component

* click → Read netlist → Read current netlist → close

→ now the components are generated.

* conte mode footprint manual & automatic move & place modules [icon] option

* Right click on component → Grab move and place → move all modules → ok

* Press M → and move component.

* to Rotate press → R.

* to connect wire → W

* click drop down box at top and select Edge cuts

* and then select add graphic line.

→ Add filled zone → Start drawing zone within the PCB → F.Cu → GND → OK.

→ Right → and fill all zone.

* and make a zone in Bottom side.
change after top to B.Cu → Green → Fill the zone

* and create the GND as Net and Right click
fill all zone.

* Also can create a library and put our own component in that library.

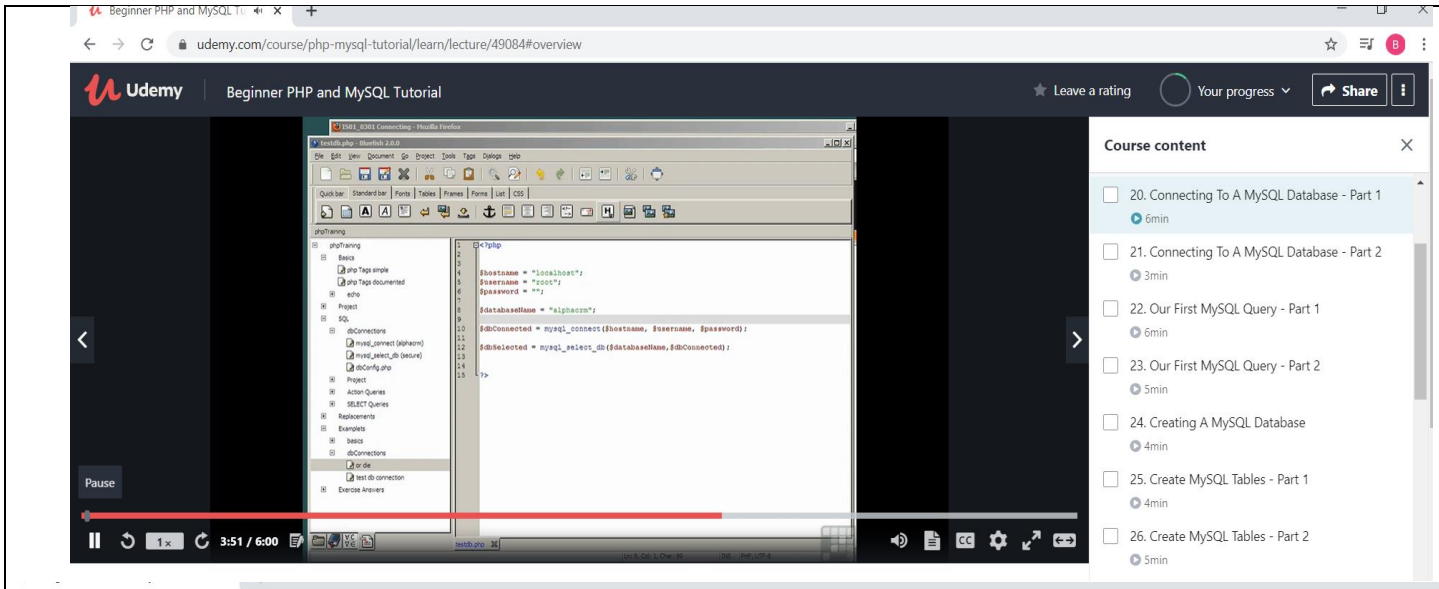
Date:9june2020

Name:Bindushri

Course: MYSQL **USN:4AL17EC011**

Topic:sec3 **Sem&Sec:6th A**

AFTERNOON SESSION DETAILS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20. Connecting To A MySQL Database - Part 1
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21. Connecting To A MySQL Database - Part 2
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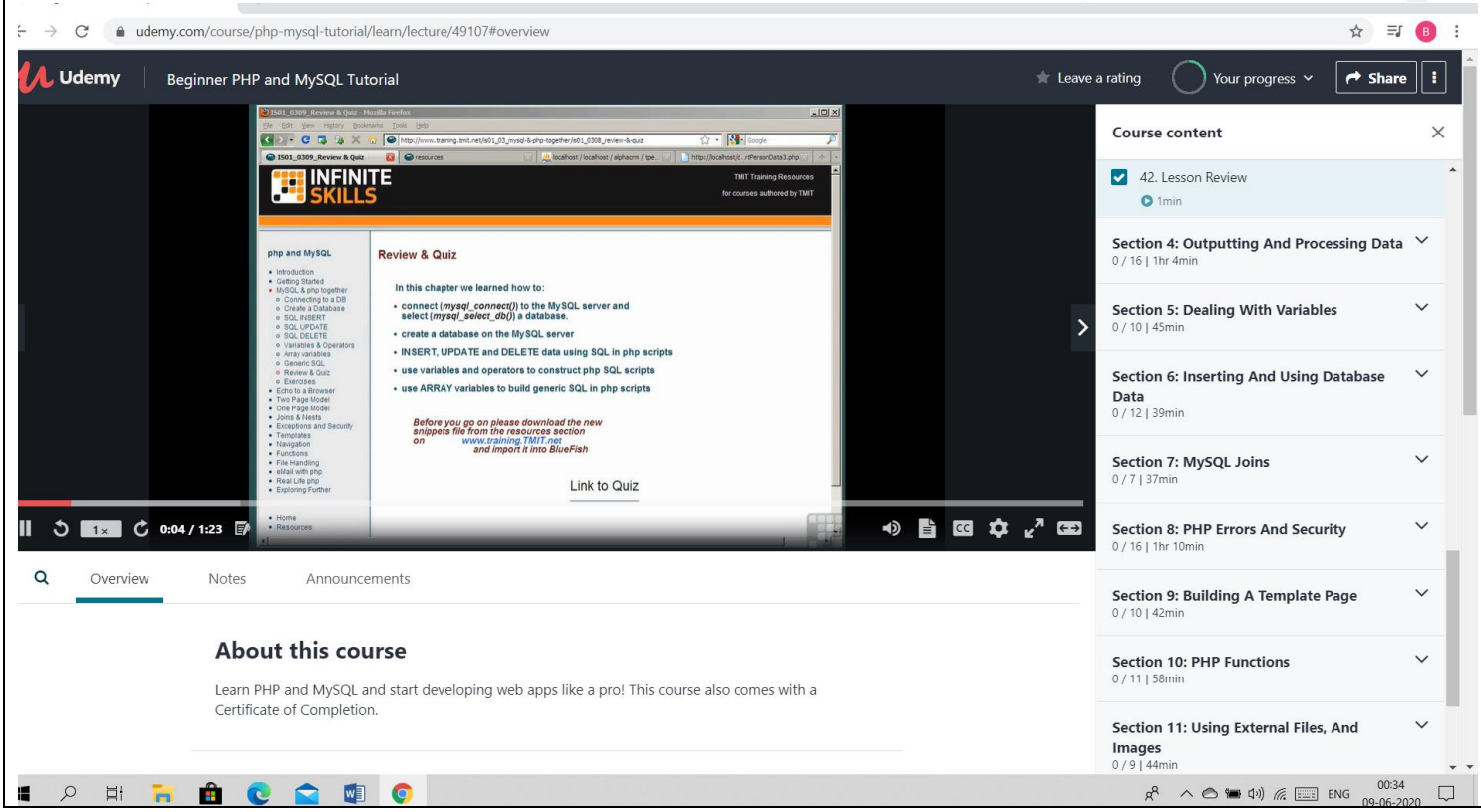
22. Our First MySQL Query - Part 1
6min
23. Our First MySQL Query - Part 2
5min
24. Creating A MySQL Database
4min
25. Create MySQL Tables - Part 1
4min
26. Create MySQL Tables - Part 2
5min
Pause
3:51 / 6:00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42. Lesson Review
1min
Section 4: Outputting And Processing Data
0 / 16 | 1hr 4min
Section 5: Dealing With Variables
0 / 10 | 45min
Section 6: Inserting And Using Database Data
0 / 12 | 39min
Section 7: MySQL Joins
0 / 7 | 37min
Section 8: PHP Errors And Security
0 / 16 | 1hr 10min
Section 9: Building A Template Page
0 / 10 | 42min
Section 10: PHP Functions
0 / 11 | 58min
Section 11: Using External Files, And Images
0 / 9 | 44min
INFINITE SKILLS
Review & Quiz
In this chapter we learned how to:
connect (mysql_connect()) to the MySQL server and select (mysql_select_db()) a database.
create a database on the MySQL server
INSERT, UPDATE and DELETE data using SQL in php scripts
use variables and operators to construct php SQL scripts
use ARRAY variables to build generic SQL in php scripts
Before you go on please download the new snippets file from the resources section on www.training.TMT.net and import it into BlueFish
Link to Quiz
0:04 / 1:23
Overview
Notes
Announcements
About this course
Learn PHP and MySQL and start developing web apps like a pro! This course also comes with a Certificate of Completion.
ENG
00:34
09-06-2020

Src 3 - 9/06/2020 MySQL

In this chapter.

- Connect to MySQL and to a specific database
- Create a simple data base with a table
- MySQL connection is done using PHP function

```
<?php
$hostname = "localhost";
$username = "root";
$password = "";
$databasename = "alphaum";
$dbconnected = mysql_connect($hostname, $username,
                             $password);
$dbselected = mysql_select_db($databasename, $
                              dbconnected);
?>

<?php if ($dbconnected){
    echo "my sql connected Okcbr/><br/>";
<?php if ($db selected){
        echo "DB connected Okcbr/><br />";
    }else{
        echo "DB connected FAILEDcbr/><br />";
    }
    else{
        echo "MySQL connection FAILED<br /><br />";
    }
?>
```

Create Database

First we used DROP DATABASE 'alphacm';

then we used CREATE DATABASE 'alphacm';

mysql_query($sql) executed the SQL Statement $sql

if... elseif... else

if (x is True) {DO A}

if (x is True) {DO A; } else {DO B; }

if (x is True) {DO A; } else {y is True} {DO B; } else {

DO C}

if {x is True} {DO A; } else if {y is True} {DO B}; elseif

{z is True} {DO C} else {DO D}

...

My SQL data types provide three classes of data types:-

1. Numeric types
2. Date and time types
3. String types

SQL INSERT

INSERT INTO <table name>

{
field A
field B
field C
}
Values
{
Value1;
Value2,
Value3,
}

INSERT multiple records

```
INSERT INTO <tablename>
(fieldA, fieldB, fieldC)
VALUES
('value11', 'value12', 'value13'),
('value21', 'value22', 'value23'),
('value31', 'value32', 'value33')
```