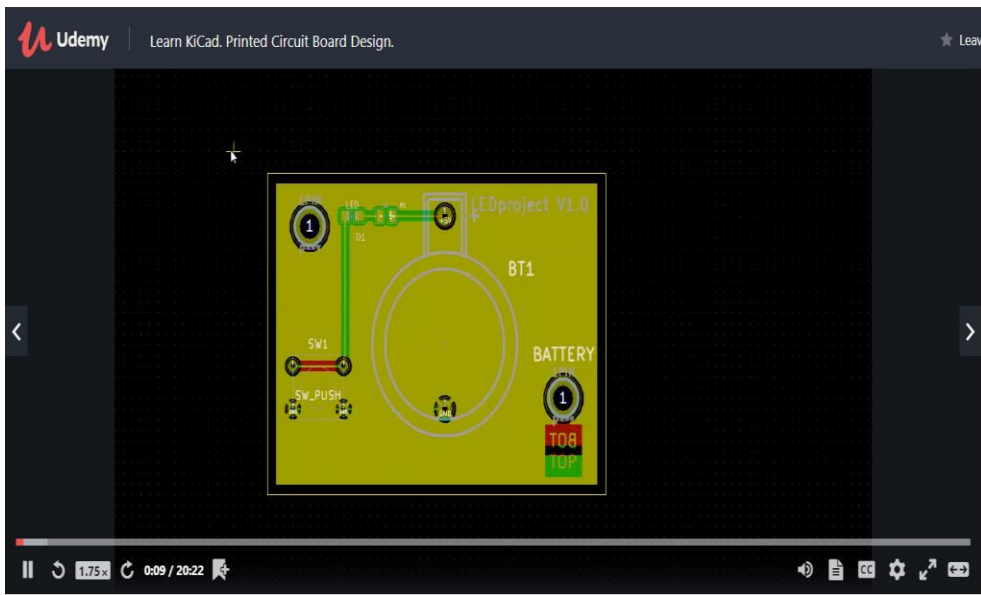


## DAILY ASSESSMENT REPORT

Date:	09 June 2020	Name:	Gagan M K
Course:	PCB Design	USN:	4AL17EC032
Topic:	<ul style="list-style-type: none"> <li>Start a new project.</li> <li>Netlist and footprint association and placing PCB items.</li> <li>Silk-screen and copper pour.</li> </ul>	Semester & Section:	6 <sup>th</sup> sem & 'A' sec
GitHub Repository:	Alvas-education-foundation/Gagan-Git		

### FORENOON SESSION DETAILS

#### Image of session



**Course content**

**Section 1: Up and running.**  
7 / 8 | 1hr 29min

- 1. Start a new project. 18min
- 2. Netlist and footprint association and placing PCB items. 16min
- 3. Silk-screen and copper pour. 9min
- 4. Mounting holes. 4min
- 5. Create a library and put your own component in that library. 9min
- 6. Create PCB footprint component. 12min
- 7. Add Footprint search path 2min
- 8. Prepare production files. 20min

**About this course**

A guide to get you started to use the open source program KiCad for your next electronics project.

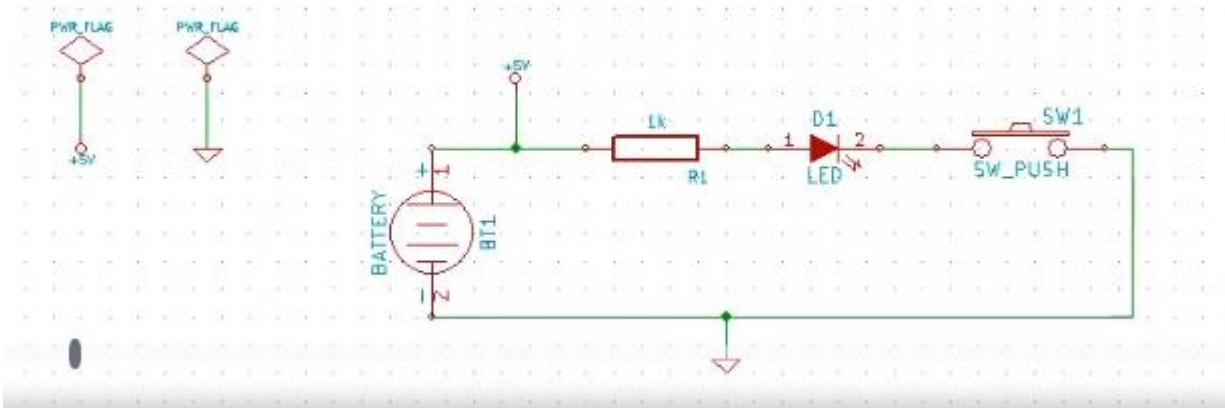
Report – Report can be typed or hand written for up to two pages.

## PCB Design:

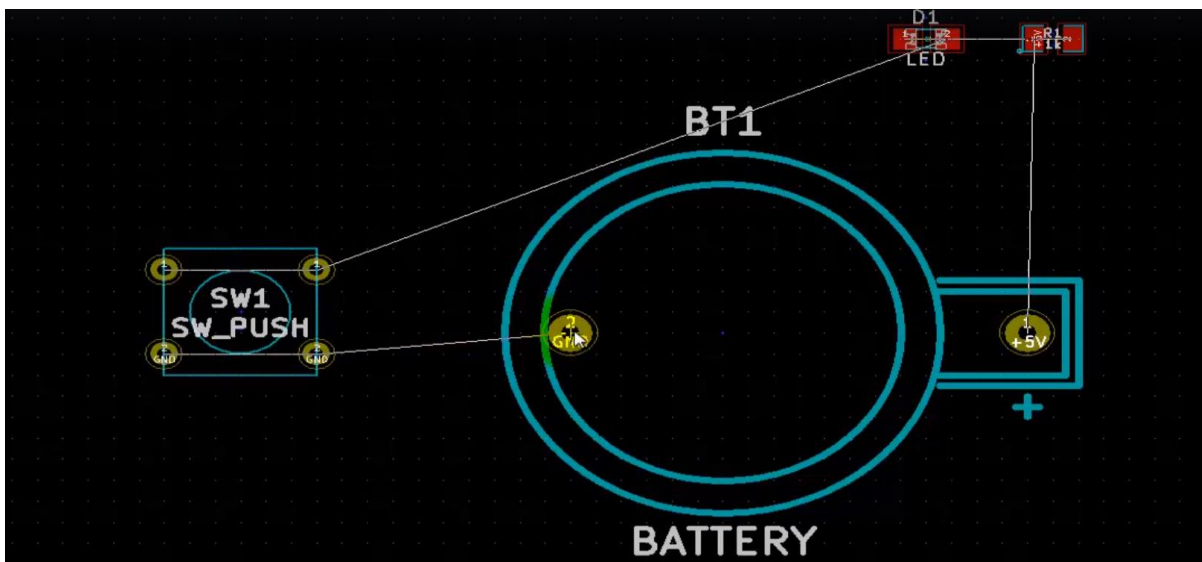
- Learnt how to start a new project using Kicad.

File: switch.sch	
Sheet: /	
Title:	
Size: A4	Date: 5 mar 2014
KiCad E.D.A. eeschema (2013-07-07 BZR 4022) – stable	

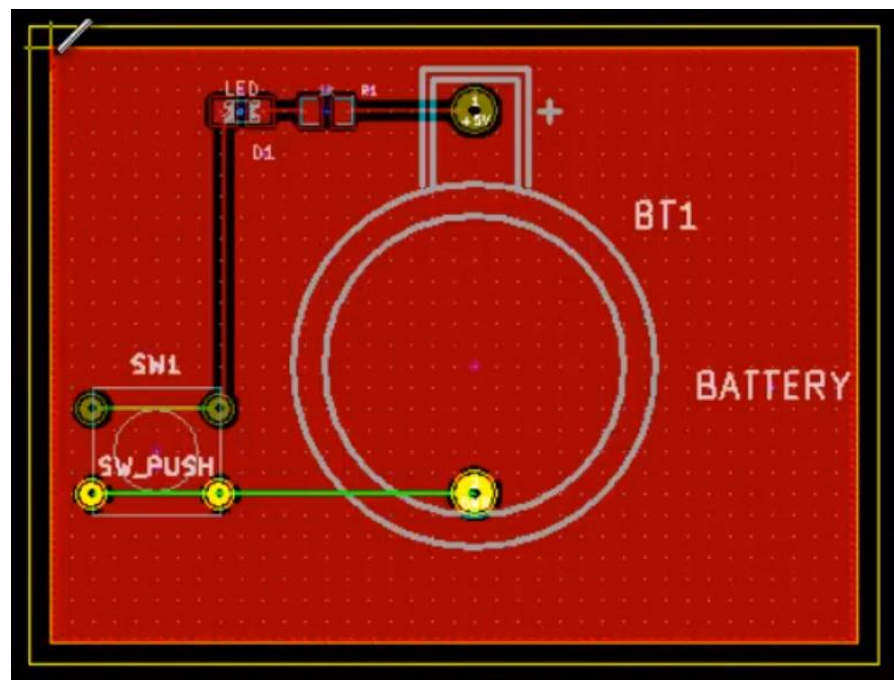
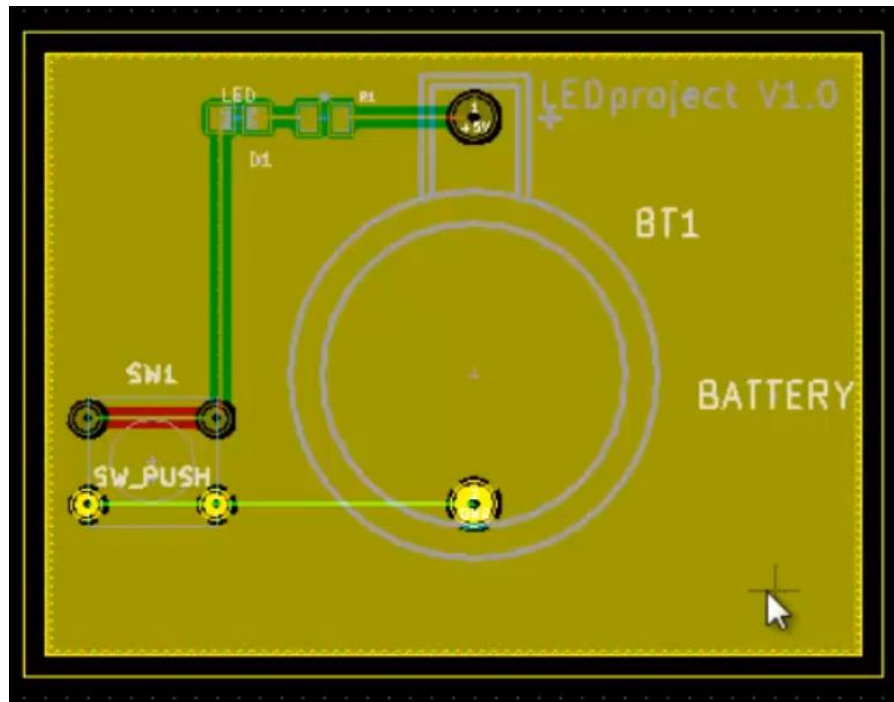
- Learnt to create a basic example of switch LED and its schematic



- Learnt Netlist and footprint association for the schematic.



- Learnt how to silk screen and Copper pouring



Date:	09 June 2020	Name:	Gagan M K
Course:	Java Tutorial for Complete Beginners	USN:	4AL17EC032
Topic:	<ul style="list-style-type: none"> <li>• A Hello World Program</li> <li>• Using Variables</li> <li>• Strings: Working With Text</li> <li>• While Loops</li> <li>• For Loops</li> <li>• "If"</li> <li>• Getting User Input</li> <li>• Do ... While</li> <li>• Switch</li> <li>• Arrays</li> </ul>	Semester & Section:	6 <sup>th</sup> sem & 'A' sec

### AFTERNOON SESSION DETAILS

Image of session:

The screenshot shows the Udeemy course page for 'Java Tutorial for Complete Beginners'. The main video player displays the title 'Cave of Programming Java for Beginners'. Below the video player, there are tabs for 'Overview', 'Bookmarks', and 'Announcements'. The 'Overview' tab is selected, showing 'About this course' with the description 'Learn to program using the Java programming language'. On the right side, there is a 'Course content' sidebar listing 15 lessons. Lessons 6 through 12 are checked, indicating they are completed. Lesson 13, 'Switch', is currently selected and highlighted. Lessons 14, 'Arrays', and 15, 'Arrays of Strings', are not checked. Each lesson entry includes a duration icon (e.g., 8min, 7min, 9min, 12min, 9min, 8min, 7min, 10min, 9min).

Report – Report can be typed or hand written for up to two pages.

### Programming core java:

- Learnt how to write “A Hello World” Program in Java Eclipse.
- Learnt how to make use of Variables.
- Learnt about Strings and the Working With Text
- Got familiarized with “While Loops” in Java.
- Got to know about “For Loops” in Java
- Learnt the “If” conditional statement usage in Java programing.
- Learnt how to get User Input from the user.
- Came across “Do ... While loop” in Java.
- Saw “Switch” statements and its working.
- Got introduced to the “Arrays” in Java.

```
public class Application {  
    public static void main(String[] args) {  
        for(int i=0; i < 5; i++) {  
            System.out.printf("The value of i is: %d\n", i);  
        }  
    }  
}
```

```
public static void main(String[] args) {  
  
    Scanner scanner = new Scanner(System.in);  
  
    /*  
    System.out.println("Enter a number: ");  
    int value = scanner.nextInt();  
  
    while(value != 5) {  
        System.out.println("Enter a number: ");  
        value = scanner.nextInt();  
    }  
    */  
    I  
    do {  
        System.out.println("Enter a number: ");  
        int value = scanner.nextInt();  
    }  
    while(value != 5);  
  
    System.out.println("Got 5!");  
}
```