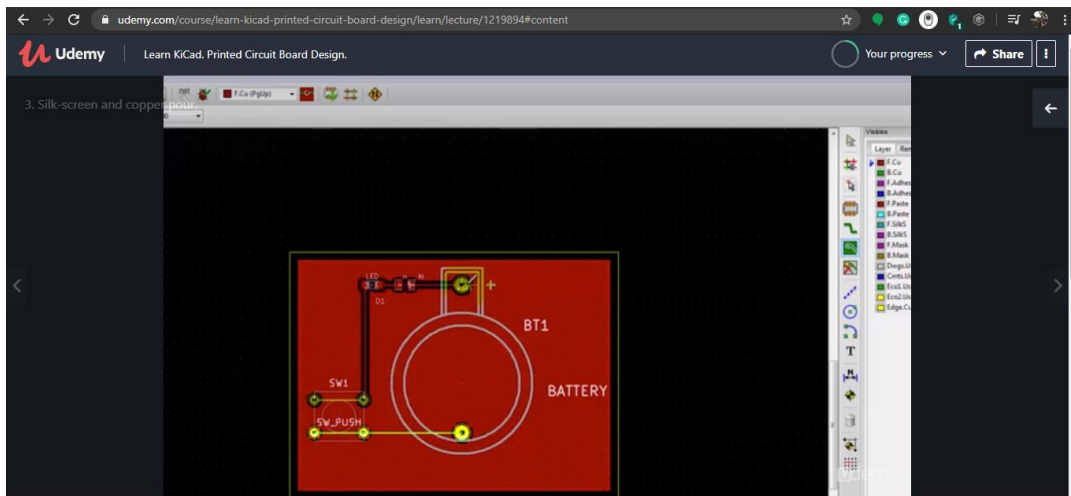


DAILY ASSESSMENT

Date:	09-June-2020	Name:	Swastik R Gowda
Course:	Ki-Cad (Udemy)	USN:	4AL17EC091
Topic:	Introduction	Semester & Section:	6 th Sem 'B' Sec
Github Repository:	swastik-gowda		

FORENOON SESSION DETAILS

Image of session



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

What is Ki cad?

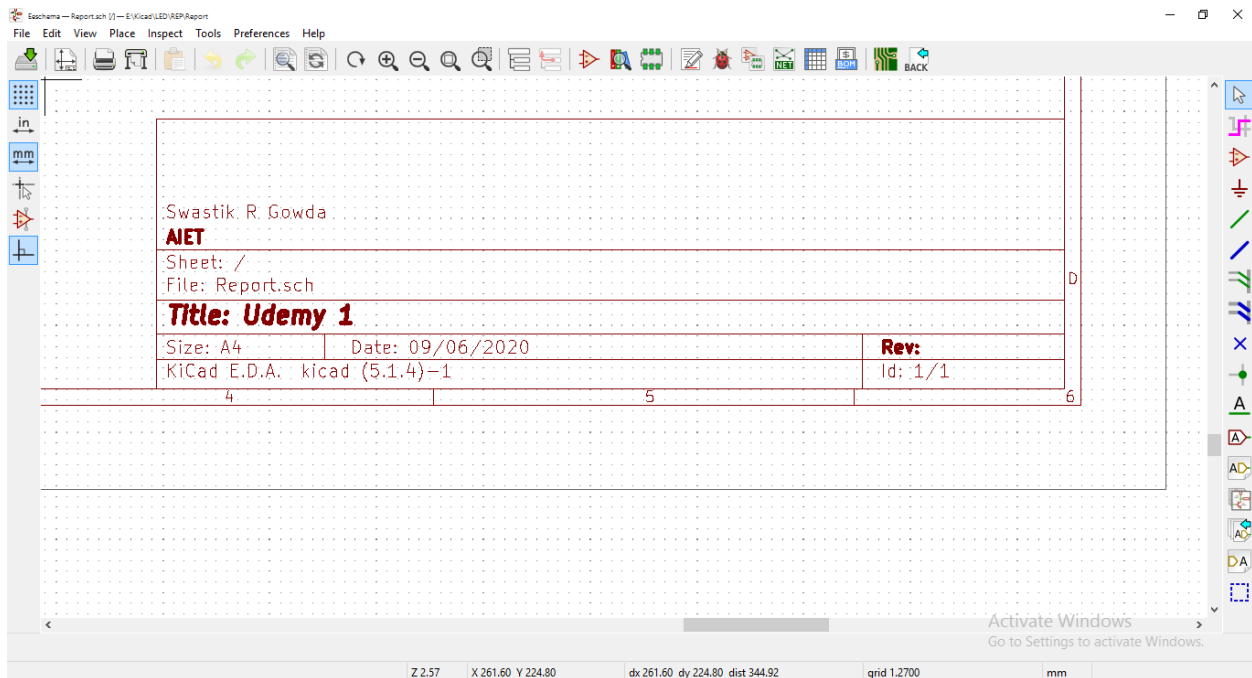
- ❖ Ki Cad is a free software suite for electronic design automation.
- ❖ It facilitates the design of schematics for electronic circuits and their conversion to PCB designs.
- ❖ Ki Cad was originally developed by Jean-Pierre Charras.
- ❖ It features an integrated environment for schematic capture and PCB layout design.

Setting Up a Project:

- ❖ *****.pro****- Main project file to keep track of the file structure.
- ❖ *****.cmp****-Defines which footprints go with which schematic components.
- ❖ *****.kicad_pcb****-The PCB layout.
- ❖ *****.sch****-The schematic.

Editing the Schematic:

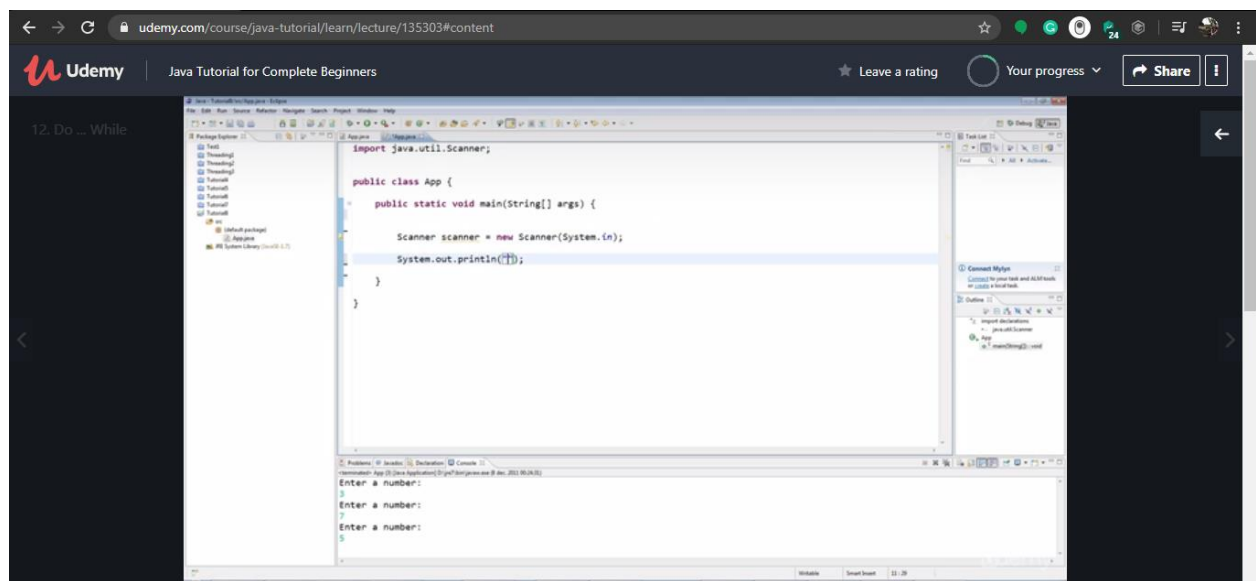
- ❖ a- To add components.
- ❖ c- Copy a component when the cursor is over another component.
- ❖ w- To wire components.
- ❖ v- Edit component value.
- ❖ Esc-Escape mode or whatever command in progress and return to normal pointer mode.
- ❖ **ctrl+z**- Undo. Use liberally to undo any mistakes.
- ❖ Ctrl+s- To save. Make sure to save often!



Date:	09-June-2020	Name:	Swastik R Gowda
Course:	JAVA (Udemy)	USN:	4AL17EC091
Topic:	<ul style="list-style-type: none"> ❖ Hello world Program ❖ Using Variables ❖ Strings: Working with Text ❖ While Loops ❖ For Loops ❖ Getting User Input ❖ Do...While ❖ Switch ❖ Arrays 	Semester & Section:	6 th Sem 'B' Sec

AFTERNOON SESSION DETAILS

Image of session



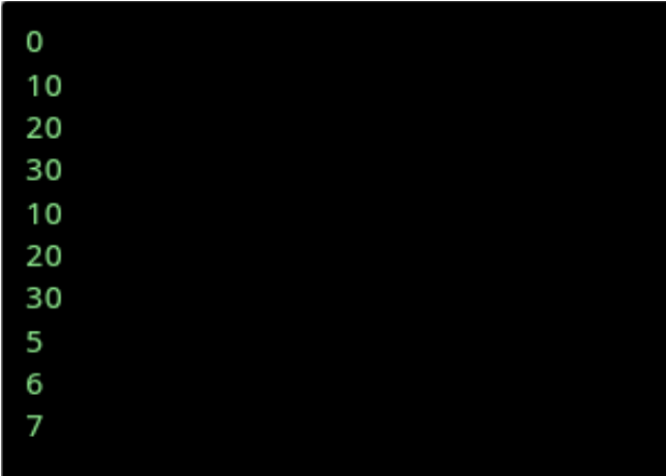
Report – Report can be typed or hand written for up to two pages.

- ❖ 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.

Here is the example program in Java using Arrays:

```
Public class App {  
  
    Public static void main(String[] args)  
    {  
        Int value=7;  
        int[] values;  
        values=newint[3];  
  
        System.out.println(values[0]);  
  
        values[0]=10;  
        values[1]=20;  
        values[2]=30;  
  
        System.out.println(values[0]);  
        System.out.println(values[1]);  
        System.out.println(values[2]);  
  
        for(inti=0;i<values.length;i++)  
        {  
            System.out.println(values[i]);  
        }  
  
        int[]numbers={5,6,7};  
  
        for(inti=0;i<numbers.length;i++)  
        {  
            System.out.println(numbers[i]);  
        }  
    }  
}
```

OUTPUT:



```
0  
10  
20  
30  
10  
20  
30  
  
5  
6  
7
```