DAILY ASSESSMENT

Date:	11-June-2020	Name:	Swastik R Gowda
Course:	Ki-Cad	USN:	4AL17EC091
Topic:	1. Create a library and put your own component in that library. 2. Create PCB footprint component.	Semester & Section:	6th Sem 'B' Sec
Github Repository:	swastik-gowda		

FORENOON SESSION DETAILS
Image of session
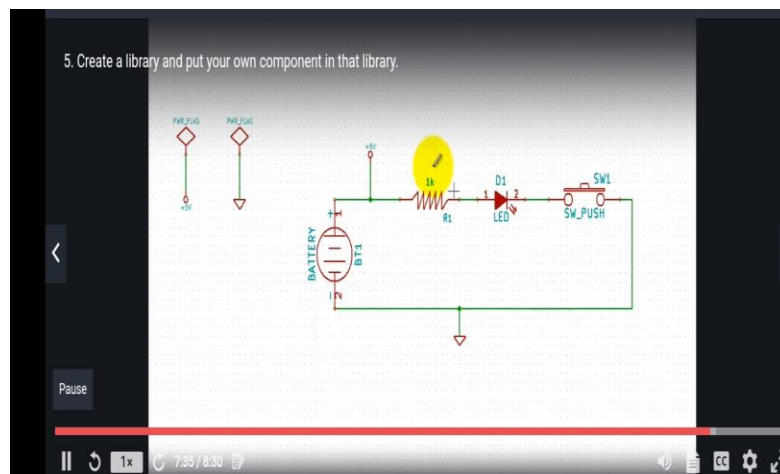
Report – Report can be typed or hand written for up to two pages.

## Create a library and put your Own Component:

The following steps are to be followed in order to Create a library and put your own component in that library:

1. Go to Library Editor
2. Select Library Folder
3. Select device Library
4. Select Load components icon in order to load the components into the design
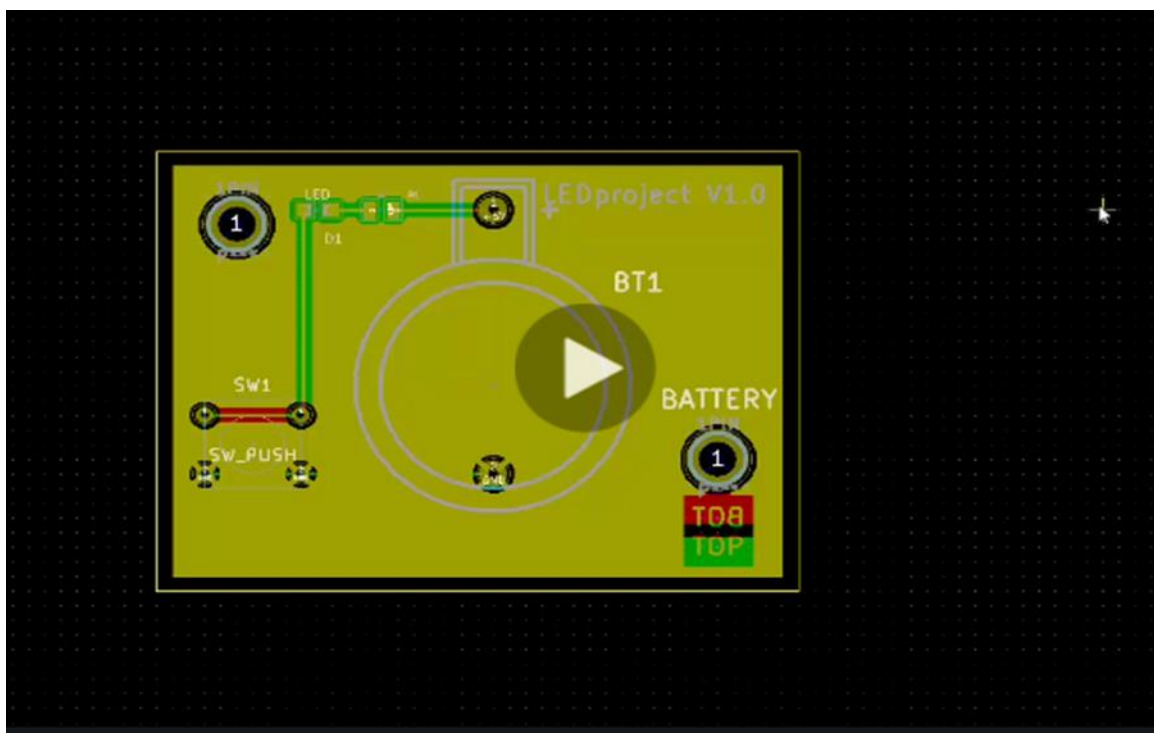5. Select Component and Save it

Then the library is created and you can view it.

Create a PCB Footprint:

1. Open Module Editor Window to create a new Footprint
2. Select Active Library, since there is no saved Library in this window
3. Now, Select New module and Name it
4. Now, Create a New PCB footprint according to the specifications of the customer.
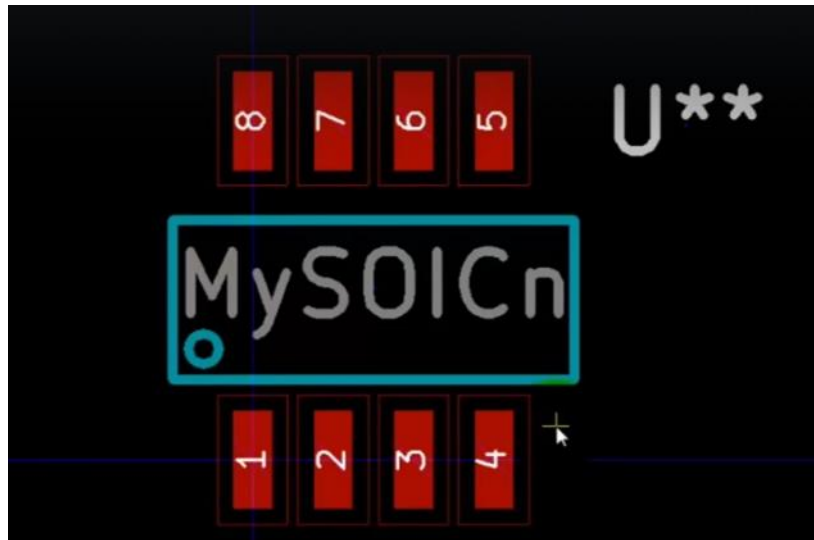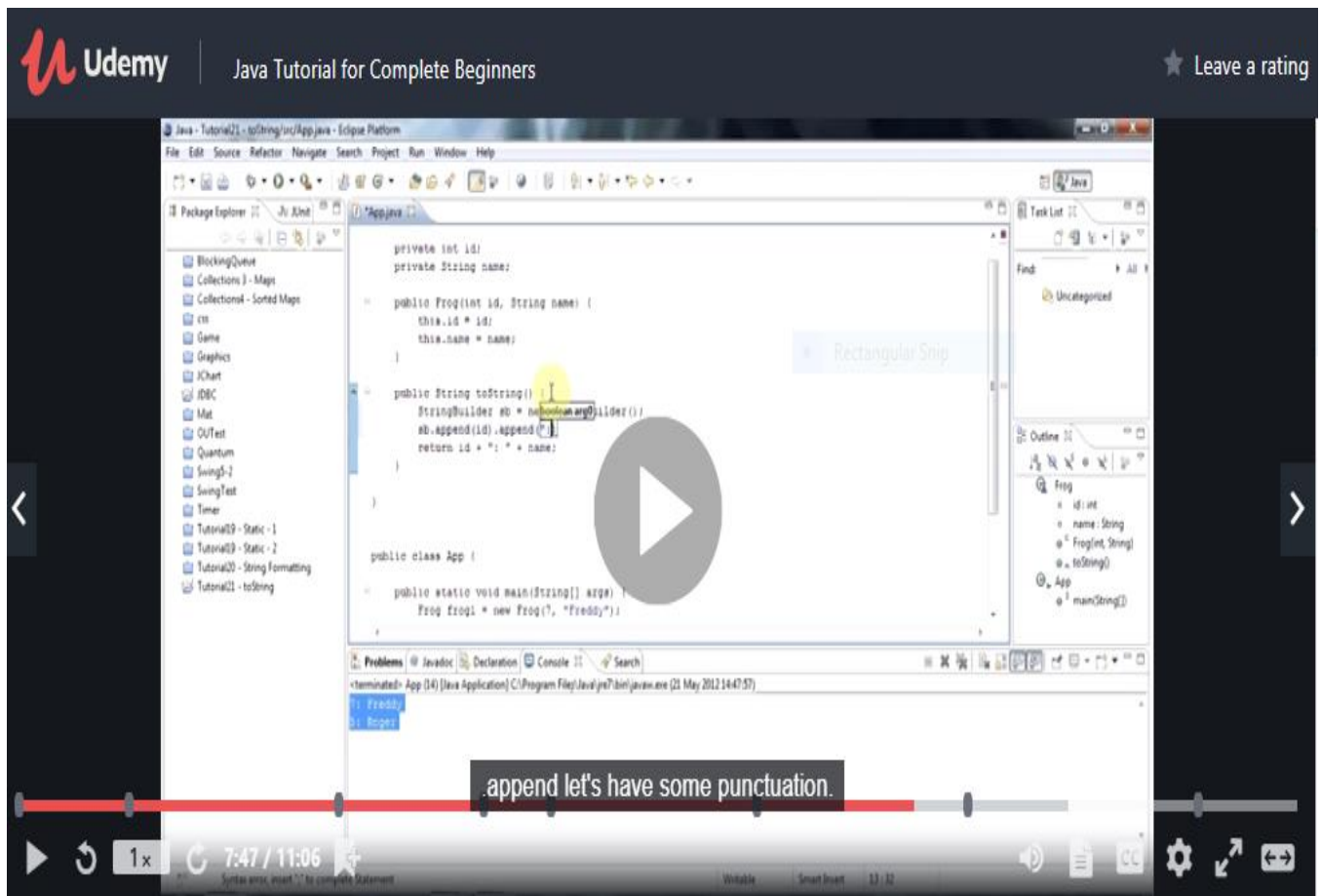
PCB Footprint Component :

Date:	11-June-2020	Name:	Swastik R Gowda
Course:	JAVA	USN:	4AL17EC091
Topic:	Programming	Semester & Section:	6th Sem 'B' Sec

<div align="center">AFTERNOON SESSION DETAILS</div>
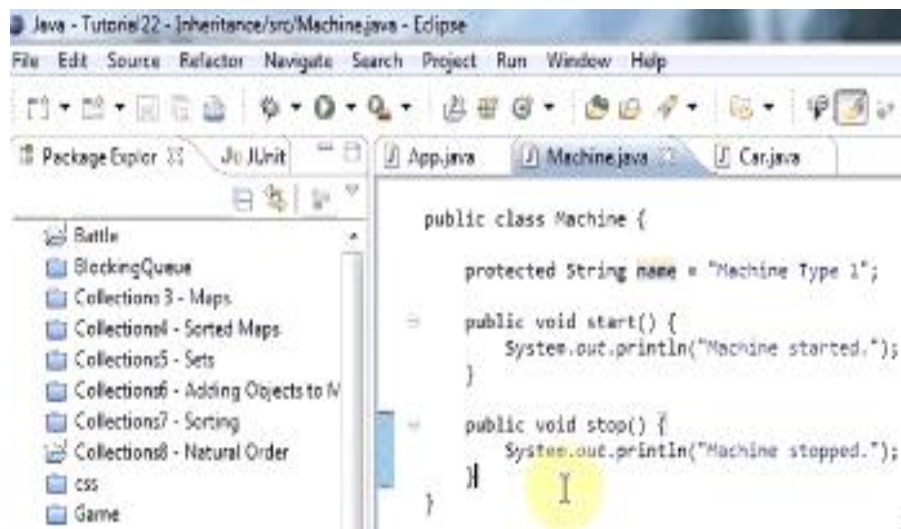
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Programming Core Java:

- The two String Method
- Inheritance
- Packages
- Interfaces
- Public, Private, Protected
- Polymorphism
- Encapsulation and the API Docs
- Casting Numerical Values
- Up casting and Down casting
- Using Generics

Inheritance:

Polymorphism:

```
public class App {

    public static void main(String[] args) {
        Plant plant1 = new Plant();
        Tree tree = new Tree();

        Plant plant2 = tree;

        plant2.grow();

        tree.shedLeaves();

        //plant2.shedLeaves();

        doGrow(tree);
    }

    public static void doGrow(Plant plant) {
        plant.grow();
    }

}
```