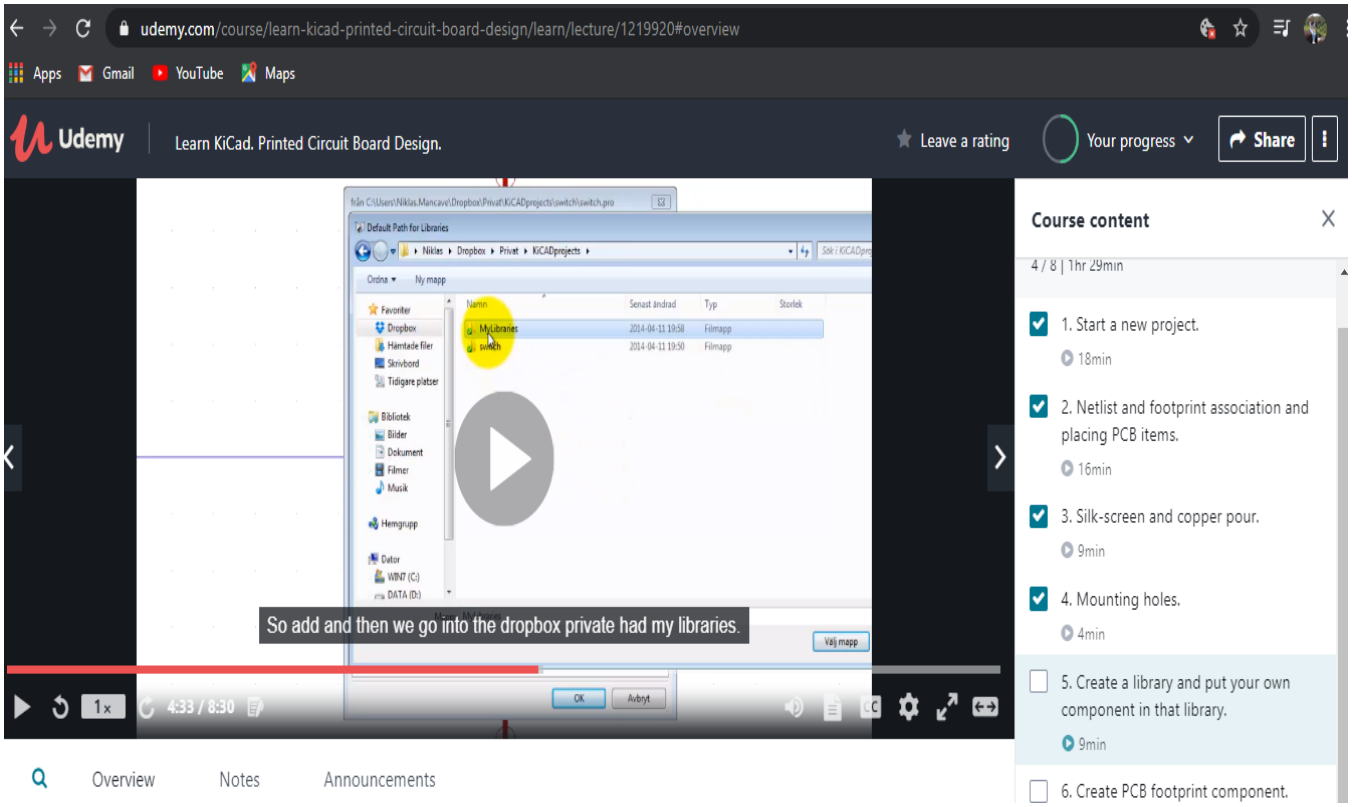
DAILY ASSESSMENT FORMAT

Date:	12/06/2020	Name:	Akshatha M Deshpande
Course:	KiCad	USN:	4AL17EC006
Topic:	Create a library and put your own component in that library. Create PCB footprint component.	Semester & Section:	6th Sem A sec
Github Repository:	AkshathaDeshpande		

FORENOON SESSION DETAILS
Image of session



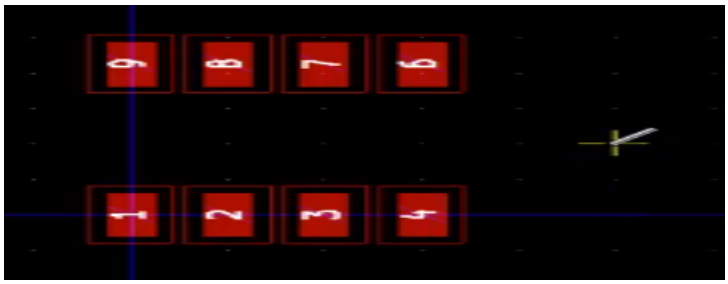
Report – Report can be typed or hand written for up to two pages.

Create a library and put your own component in that library:

- There will be many inbuilt libraries in the kiCad which we cannot delete.
- But we can modify those components as per our requirement.
- Thus creates a new component but we cannot store in this in the library where there are inbuilt components.
- So we have to create a new library to store this component.That is in our computer just create a folder.
- After modifying the component just save it in the library which we have created and the component is ready to use in the design.

Create PCB footprint component:

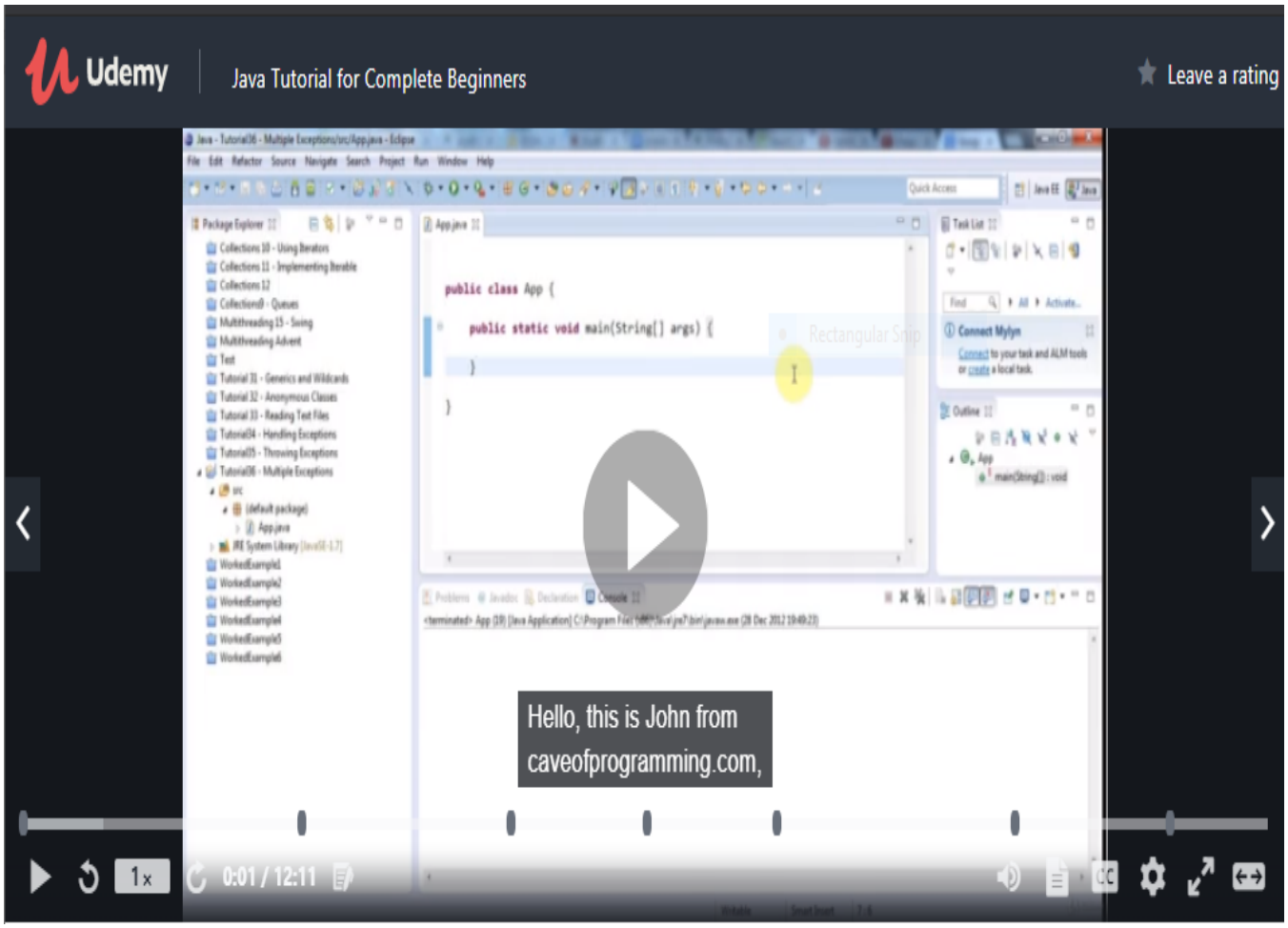
- In order to create a new foot print the module window is opened.
- A new module is selected and that is named.
- And a new pcb footprint is created as shown below



Date:	12/06/2020	Name:	Akshatha M Deshpande
Course:	Java	USN:	4AL17EC006
Topic:	Programming	Semester & Section:	6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session



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Programming Core Java:

- Generics and Wildcards
- Anonymous Classes
- Reading Files Using Scanner
- Handling Exceptions
- Multiple Exceptions
- Runtime vs. Checked Exceptions
- Abstract Classes
- Reading Files With File Reader
- Try-With-Resources

Anonymous class:

```
    public void grow();
}

public class App {

    public static void main(String[] args) {

        Machine machine1 = new Machine() {
            @Override public void start() {
                System.out.println("Camera snapping ....");
            }
        };

        machine1.start();

        Plant plant1 = new Plant() {
            @Override
            public void grow() {
                System.out.println("Plant growing");

            }
        };

        plant1.grow();
    }
}
```

Abstract class:

```
public abstract class Machine {
    private int id;

    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public abstract void start();
    public abstract void doStuff();
    public abstract void shutdown();

    public void run() {
        start();
        doStuff();
        shutdown();
    }
}
```

Date:	12/06/2020	Name:	Akshatha M Deshpande
Course:	Webinar by Cambridge	USN:	4AL17EC006
Topic:	Skills of work-Presentation	Semester & Section:	6th Sem A sec