

# DAILY ASSESSMENT FORMAT

Date:	9 JUNE 2020	Name:	HARSHITHA H
Course:	Learn kiCad, Printed circuit board design	USN:	4AL18EC020
Topic:	Up and running	Semester & Section:	IV SEM & A SECTION
Github Repository:	harshithah		

## FORENOON SESSION DETAILS

### Image of session

The image displays three sequential screenshots from a Udemy video course titled 'Learn KiCad, Printed Circuit Board Design'. The course is by Harshitha H and has a USN of 4AL18EC020. The video content is as follows:

- Top Screenshot:** Shows a schematic diagram in KiCad. It includes a resistor (R?), an LED (D?), and a switch (SW?). The components are connected in a series circuit. The video player shows a progress bar at 10:50 / 17:38.
- Middle Screenshot:** Shows the same schematic diagram, but with a component list on the right side of the screen. The list includes: R1, R2, D1, SW1, and B1. The video player shows a progress bar at 2:58 / 16:12.
- Bottom Screenshot:** Shows the same schematic diagram, but with a component list on the right side of the screen. The list includes: R1, R2, D1, SW1, and B1. The video player shows a progress bar at 2:58 / 16:12.

The course content list on the right side of the video player is as follows:

- 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

## Report –

# Learn KiCad , printed circuit board design

## TOPICS COVERED:



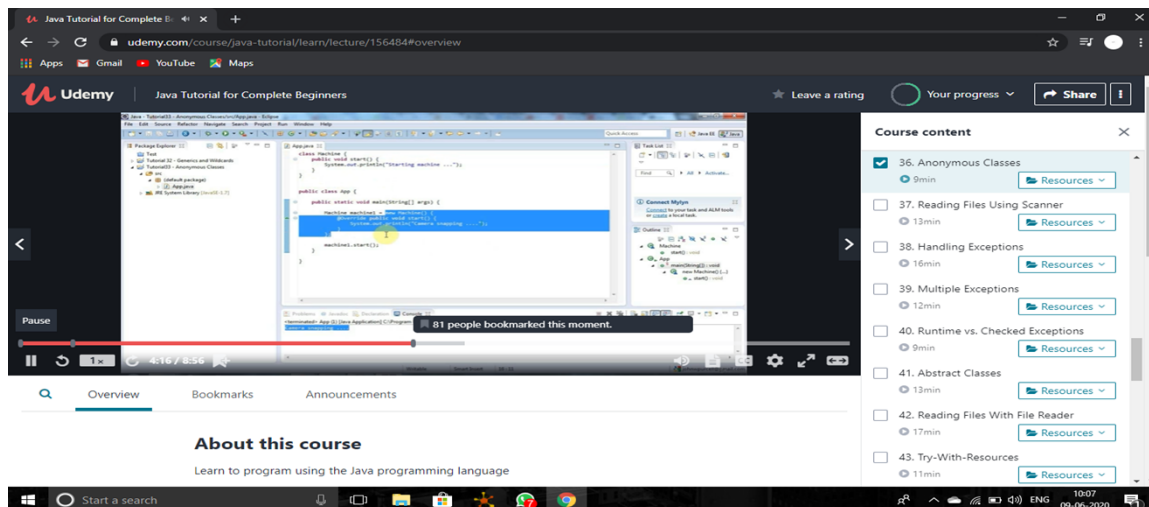
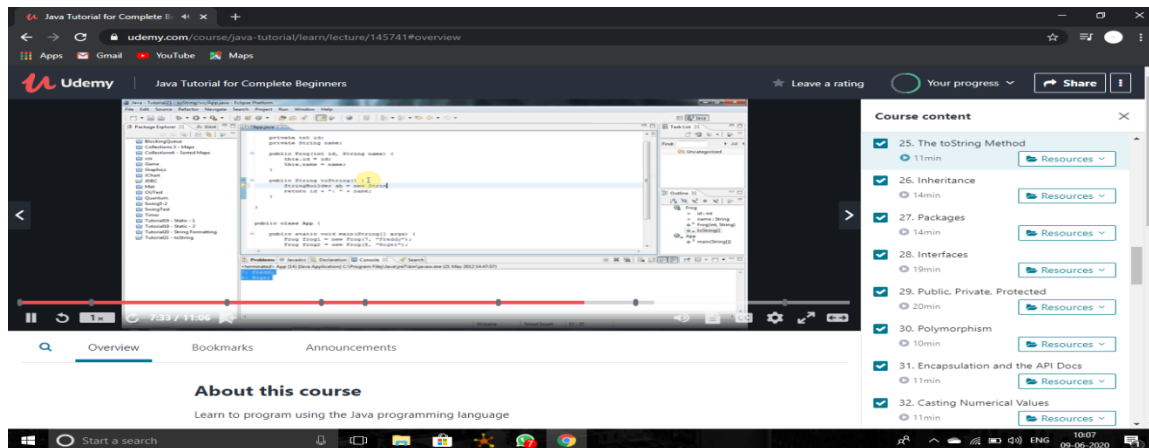
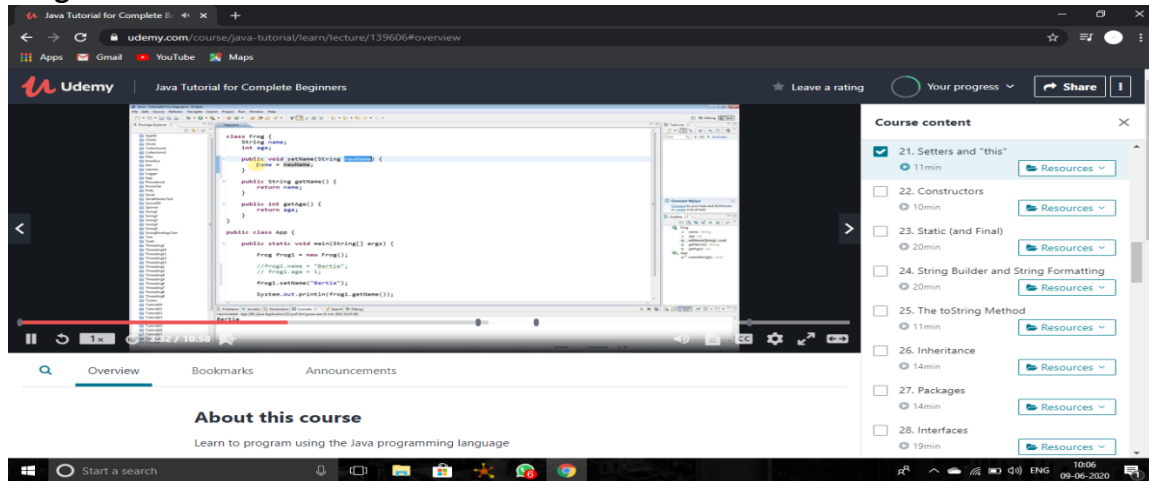
### **Up and running:**

- Netlist
- Foot print association
- Placing PCB items
- Silk-screen and copper pour

<b>Date: 9 JUNE 2020</b>	<b>Name: HARSHITHA H</b>
<b>Course: JAVA</b>	<b>USN: 4AL18EC020</b>
<b>Topic: Programming core JAVA</b>	<b>Semester &amp; Section: IV SEM &amp; A SECTION</b>

### AFTERNOON SESSION DETAILS

#### Image of session



# JAVA

## Programming core JAVA:

- Setters and “this”
- Constructors
- Static
- String builder
- String formatting
- The toString method
- Inheritance
- Packages
- Interfaces
- Public, private, protected
- Polymorphism
- Encapsulation
- API docs
- Casting numerical values
- Upcasting and downcasting
- Using Generics
- Generics and wildcards
- Anonymous classes