

# DAILY ASSESSMENT FORMAT

Date:	11 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 screenshots from a Udemy course titled "Learn KiCad, Printed Circuit Board Design".

- Top Screenshot:** Shows the course overview page. The main video player displays a PCB layout with components labeled "LEDproject V1.0", "BT1", "BATTERY", "SW1", and "SW\_PUSH". The right sidebar lists the course content, including "1. Start a new project.", "2. Netlist and footprint association and placing PCB items.", "3. Silk-screen and copper pour.", "4. Mounting holes.", "5. Create a library and put your own component in that library.", "6. Create PCB footprint component.", "7. Add Footprint search path.", and "8. Prepare production files.".
- Middle Screenshot:** Shows a video lecture titled "About this course". The video content discusses design rules for copper text, stating: "All copper text must be correctly readable. As a PCB is always viewed from top to bottom through the on the top layer of your board should be readable and text on the bottom layer should be non-readable or 'peelables'." It also mentions: "Peelables occur during production and are small/narrow pieces of photo resist enclosed by pads, traces and/or planes which may 'peel' away during processing and cause short or open circuits. All copper even within the same net must comply with the design rules for the given class (see classification table)." The video player shows a red PCB layout with a pair of pliers.
- Bottom Screenshot:** Shows a video lecture titled "About this course" with a focus on the "Remarks" section. It displays a table of alternatives for a "Required" value of "0.200 mm". The table lists "2 PCBs", "5 PCBs", and "10 PCBs" with their respective "Working days" and "Cost". The "Remarks" section states: "Some of the measured values do not match the required values. Select the required value to ignore the measured value or select the measured value to accept the measured value. Then press Apply to save the selection." The video player shows a green PCB layout with components labeled "J9", "J5", "J1", "C1", "RL1", and "J4".

**Report –**

**Learn KiCad , printed circuit board design**

**TOPICS COVERED:**



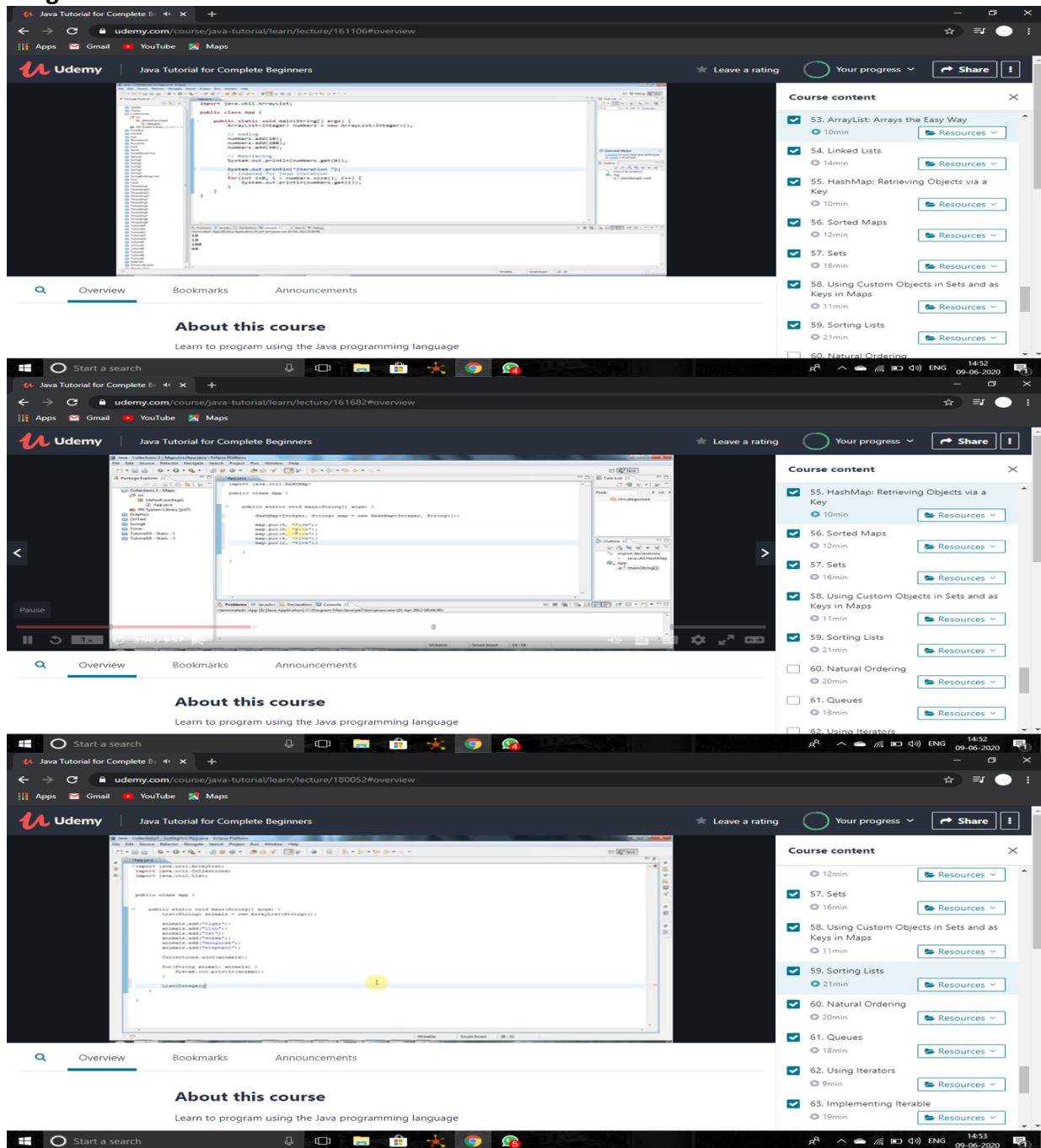
**Up and running:**

- Add footprint search path
- Prepare production files

<b>Date: 11 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

## **The JAVA collections framework:**

- ArrayList: Arrays the easy way
- Linked lists
- HashMap: Retrieving objects via a key
- Sorted maps
- Sets
- Using custom objects in Sets and as keys in Maps