**DAILY ASSESSMENT FORMAT**

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| **Date:** | **10/06/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **PCB Design** | **USN:** | **4AL18EC041** |
| **Topic:** | **A hands-on tour of KiCad with a simple project: Schematic design** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\123.PNG**  **C:\Users\Pawan\Desktop\245.PNG** |
| **A hands-on tour of KiCad with a simple project: Schematic design**   * **Eeschema consists of the sheet area in which you compose your schematic (1), multiple menu bars (2, 3, 4, 5, 6, 7), the status bar (8), and the menus (9).** * **In Eeschema, we create schematics inside the sheet area. As is typical with engineering documents, at the bottom right corner of the sheet is the title block. The title block contains information about your schematic, such as its name, the name of its author, and the date of the last edit.** * **To edit the contents of the title block, bring up the Page Setting dialog box by clicking on File, then Page Settings.** * **The Page Settings dialog box contains two parts. On the left side you can control the size and orientation of the schematic page (sheet), and on the right, you can edit the information that appears in the title block.** * **Go ahead and bring up the Page Setting dialog box. Start with setting your sheet’s size and orientation. Engineering schematics tend to be oriented in landscape. Choose the appropriate paper size for your locality.** * **The right side is more interesting. At the very top is the Issue Date field. You can either type a date manually or click on the '<<<' button to have today’s date copied into the field.** * **Continue with the rest of the fields. They are all self-explanatory. I always fill in these fields:** * **Revision: Each time I make a change to my schematic, I increase the revision number by 1. Since we are starting with a new schematic, let’s use '1' as the revision.**   **•    Title: Something sensible that describes the project without having to inspect the schematic diagram in detail.**  **•    Comment1: The author name.**   * **Comments 2, 3 and 4 are additional lines that you can use to provide more information about the project.** * **Notice that on the right side of each field is a checkbox titled 'Export to other sheets'. KiCad allows for a single schematic to be spread out to multiple sheets, as you will learn in one of the more complicated projects in Section 5. When you select one of these checkboxes, the content of the corresponding text field will be copied and displayed in the title block of all sub-sheets.** * **At the bottom of the window is a field titled 'Page layout description file'. This makes it possible to use a custom layout for your schematic sheets. In my normal day to day work with Eeschema I rarely have to use a layout for the sheet other than the default, but know that this is possible.** * **Go ahead and fill in your own information to populate the title block in your project’s schematic sheet. Then click OK to commit the changes, and check that your text appears in the title block.** * **We can zoom in and out, and pan using the controls in the top toolbar and sheet window to reach a closer look of the title block. In the next part of this introduction, you will learn about more efficient ways to do this.** * **Let’s return to the 'Page layout description file' that we briefly looked at earlier. This is a field at the bottom of the Page Settings dialog box that allows you to select a sheet layout file other than the default one.** |

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| **Date:** | **10/06/2020** | **Name:** | **PRIYA P RAO** |
| **Course:** | **JAVA** | **USN:** | **4AL18EC041** |
| **Semester & Section:** | **4th sem ‘A’ section** | | |
| **Github Repository:** | **Priya-Rao** |  |  |

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| **AFTERNOON SESSION DETAILS** |
| **Image of session**  **C:\Users\Pawan\Desktop\222222.PNG** |
| **In today’s session I have learnt about:**   * **Arrays of Strings** * **Multi-Dimensional Arrays** * **Classes and Objects** * **Methods** * **Getters and Return Values** * **Method Parameters** * **Setters and "this"** * **Constructors** * **Static (and Final)** * **String Builder and String Formatting** |