**DAILY ASSESSMENT FORMAT**

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| **Date:** | **09-06-2020** | **Name:** | **Kavya M M** |
| **Course:** | **Ki Cad PCB design** | **USN:** | **4AL17EC040** |
| **Topic:** | 1. **Start a new project** 2. **Netlist and footprint association** 3. **Silk screen and copper pour** | **Semester & Section:** | **6th A** |
| **Github Repository:** | **Kavya\_ECE040** |  |  |

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| **FORENOON SESSION DETAILS** |
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| What is Ki CAD?   * Ki Cad is a free software suite for electronic design automation. * It facilitates the design of schematics for electronic circuits and their conversion to PCB designs. * Ki Cad was originally developed by Jean-Pierre Charras * It features an integrated environment for schematic capture and PCB layout design.   Circuit I have selected:    Create a netlist:  To export the Netlist file, we will click on the Generate Netlist button.  Image  this is the generator netlist  **Ki Cad** uses two separate types of library: symbols (. lib) and **footprints** (. pretty). Symbols are used to draw the schematic. Once symbols have been placed into the schematic, **footprints** are assigned to them, and then these are used to lay out the circuit board.  PCB run to layout printed circuit board: |

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| **Date:** | **09-06-2020** | **Name:** | **Kavya M M** | |
| **Course:** | **Beginner PHP and MySQL** | **USN:** | **4AL17EC040** | |
| **Topic:** |  | **Semester & Section:** | **6th A** | |
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| **AFTERNOON SESSION DETAILS** | | | |
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| In this chapter:   * ‘connect’ to MySQL and to a specific Database * Create a simple database with 2 tables   - tCompanies  -tPeople   * Write a php script to INSERT rows in the tables * Write a php script to UPDATE rows in the tables * Write a php script to DELETE rows from the tables   Php variables and operators:   * Arithmetic operators * Assignment operators * Comparison operators * Increment/Decrement operators * Logical operators * String operators * Array operators * Conditional assignment operators   Connecting php to MySQL and a DB:  In order for php to ‘talk’ to a database it needs to do two things…   1. It needs to connect to the MySQL server, and then 2. Select to the specific database   MySQL connection is done with the php functions **mysql\_connect**  DB selection is done with the php functions **mysql\_select\_db** | | | |