**DAILY ASSESSMENT FORMAT**

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| **Date:** | **29/05/2020** | **Name:** | **Sampatkumar n m** |
| **Course:** | **Logic Design** | **USN:** | **4AL19EC401** |
| **Topic:** | **Applications of Programmable Logic Controllers.** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **Sampatkumar1** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report:**  **Relays to Bits.**  **Here we are titling relays two bits basically making the transition from using relays to using bits in memory.**  **And I have also studied about a brief bit of history which is needed to build a background for some of the terminology and symbols used in programming programmable logic controllers.**  **The original relay was first invented by Edward Davi in the 1800’s.**    **Adding a relay diagram into an actual application gives an actual circuit. We normally refer to that portion of the circuit with the operator or the public interface. We could say that there are 3 public interface to the circuit:**  **Working:**   * **When switch is closed the current will flow through the coil.** * **Magnetic field pulls the armature down opening the normally closed contact and closing the normally open.** * **With the closed switch, green light is ON.** * **Therefore, the normally open normally close contacts define the state of relay.** * **Normally closed contacts are true or they conduct electricity when the relay is de-energized.**     **The above circuit diagram has few components namely:**   * **Single Pole Single Throw Switch.** * **Alternating current supply.** * **Contact relay coil.** |