DAILY ASSESSMENT FORMAT

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| Date: | 30 May 2020 | Name: | Akshay |
| Course: | LOGIC DESIGN | USN: | 4AL17EC008 |
| Topic: | Programmable logic controllers | Semester & Section: | 6th sem & A sec |
| Github Repository: | Akshay-Online-Course |  |  |

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| FORENOON SESSION DETAILS |
| Image of session |
| Report – Report can be typed or hand written for up to two pages.  Programmable logic controllers:  •  High-Performance Controllers in a Compact, Secure Package Today’s industrial applications require faster performance and more reliable connections.  •  Emerson’s Programmable Automation Controllers feature an extensive range to support scalable automation and minimize downtime.  •  Redundant by design, these compact controllers use PROFINET for better performance and productivity, and are interoperable with most open industry standards. Rugged, fanless design means more durability and better performance in any environment.  •  In the most basic terms, a programmable logic controller (PLC) is a computer with a microprocessor but has no keyboard, mouse or monitor. It is essentially built to withstand very harsh industrial environments.  •  A PLC performs only a single set or sequence of tasks, with greater reliability and performance, except when it is under real-time constraints. This is in contrast to regular PCs and smartphones that are designed to execute any number of roles simultaneously within the Windows framework.  •  The PLC has a number of features that you don’t find in normal computers, such as protection from the open area conditions like heat, dust and cold.  •  It is low cost compared with other microcontroller systems. When you’re using a PLC in various applications, you only need to change the software component for each application |

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| Date: | 30 May 2020 | Name: | Akshay | |
| Course: | Python | USN: | 4AL17EC008 | |
| Topic: | Building a Mobile app with python | Semester & Section: | 6th sem & A sec | |
| AFTERNOON SESSION DETAILS | | | |
| Image of session    Topics:   * . Mobile App - How the Output Will Look   . Installing the Library  . Creating a "Login Page" (Frontend)  . Creating a "Sign Up Page" (Frontend) for New Users  . Getting User Input  . Implementing the "Sign Up Page" (Backend)  . Creating a "Sign Up Success Page"(Frontend)   * . Switching Pages    Uninstall opencv with: pip uninstall opencv -python.  Download a wheel (.whl) file from this link and install it with pip. Make sure you download the correct file for your Windows version and your Python version. For example, for Python 3.6 on Windows 64-bit you would do this:  pip install opencv\_python-3.2.0-cp36-cp36m-win\_amd64.whl3.  Then try to import cv2 in Python again. If there's still an error, then please type the following again in the command line:  pip install opencv-python4.Now you should successfully importcv2 in Python. | | | |
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