**DAILY ASSESSMENT FORMAT**

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| **Date:** | **10/07/2020** | **Name:** | **Lepakshi T V** |
| **Course:** | **MATLAB** | **USN:** | **4AL17EC044** |
| **Topic:** | * **Programming** * **Final project** * **Conclusion** | **Semester & Section:** | **6th sem A sec** |
| **Github Repository:** | **Lepakshi-044** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report – Report can be typed or hand written for up to two pages.**   * Programming * Write programs that execute code based upon some condition. * Programming Constructs * Decision Branching * For Loops * 14. Final Project * Bring together concepts that you have learned with a project. * Project - Stellar Motion * Project - Stellar Motion II * Conclusion * Learn next steps and give feedback on the course. * Additional Resources * Survey |

**DAILY ASSESSMENT FORMAT**

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| **Date:** | **10/07/2020** | **Name:** | **Lepakshi T V** |
| **Course:** | **Introduction to IOT** | **USN:** | **4AL17EC044** |
| **Topic:** | **Chapter 5** | **Semester & Section:** | **6th sem A sec** |
| **Github Repository:** | **Lepakshi-044** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session** |
| **Report – Report can be typed or hand written for up to two pages.**   * Historically companies would have access to our information gathered from forms, spreadsheets, applications, credit card purchases and other types of files. Much of the information was stored and analyzed at a later date. Sensitive data was still collected, stored and analyzed but, historically, hackers were more interested in hacking into systems to obtain corporate or government secrets. * Today, gathered data is taking on new characteristics. The digitized world has opened the floodgates for data gathering. IoT sensor-enabled devices are collecting more and more data of a personal nature. It also increases the possibility of invasion of our privacy, identity theft, and corporate espionage. * Personally, identifiable information (PII) or sensitive personal information (SPI) is any data relating to a living individual that can be used on its own or with other information to identify, contact, or locate a specific individual. The data gathered by companies and government institutions can also contain sensitive information concerning corporate secrets, new product patents, or national security. * Because we are gathering and storing exponential quantities of both sensitive and informational data, it has increased the need for extra security to protect this information from natural disasters, hackers, and misuse. * Securing the network involves all of the protocols, technologies, devices, tools, and techniques that secure data and mitigate threats. Network security is largely driven by the effort to stay one step ahead of ill-intentioned hackers. * Security policies, procedures, and standards must be followed in the design of all aspects of the entire network. This should include the cables, data in transit, stored data, networking devices, and end devices. * Today’s data centers store vast quantities of sensitive, business-critical information; therefore, physical security is an operational priority. Physical security not only protects access to the premises, but also protects people and equipment. For example, fire alarms, sprinklers, seismically-braced server racks, and redundant heating, ventilation, and air conditioning (HVAC) and UPS systems are in place to protect people and equipment. * Physical security within the data center can be divided into two areas, outside and inside.Outside perimeter security - This can include on-premise security officers, fences, gates, continuous video surveillance, and security breach alarms. * Inside perimeter security - This can include continuous video surveillance, electronic motion detectors, security traps, and biometric access and exit sensors. |