**DAILY ASSESSMENT FORMAT**

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| **Date:** | **13/07/2020** | **Name:** | **Shasahnk S P** |
| **Course:** | **Revision Session : Microcontroller** | **USN:** | **4AL18EC048** |
| **Topic:** | * **Module 1** | **Semester & Section:** | **4th sem ‘A’ section.** |
| **Github Repository:** | **shashank-sp** |  |  |

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| **FORENOON SESSION DETAILS** |
| **In today’s session I have studied about :**   * **Microprocessor Vs Microcontroller** * **Embedded systems** * **Embedded Microcontrollers** * **8051 Architecture – Registers** * **Pin Diagram** * **I/O ports functions** * **Internal Memory Organisations** * **External Memory ( ROM & RAM ) interfacing** |

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| **Date:** | **13/07/2020** | **Name:** | **Shashank S p** |
| **Course:** | **Coursera : Mathematics for Machine Learning** | **USN:** | **4AL18E048** |
| **Topic:** | **Linear Algebra** | **Semester & Section:** | **4th sem ‘A’ section** |
| **Github Repository:** | **shashank-sp** |  |  |

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| **AFTERNOON SESSION DETAILS** |
| **In today’s session I have studied about:**   * **This first module of course is on Linear Algebra.** * **Here first looked at the problem of data, that our world has so much of it.** * **And then if we could figure out how to analyze and use it, we could really solve problems in the world.** * **And looked at where these courses fit in terms of helping us access the world of machine learning and data science.** * **Then we've moved on to look at some example problems, the problem of solving some simultaneous equations.** * **To discover the price of things in the apples and bananas problem, or the problem of fitting a model equation with some fitting parameters we want, to optimise against some data.** * **It is then said that both of these problems are going to involve vectors and possibly some calculus.** * **So, here with our journey with vectors and with defining vector addition and scalar multiplication.** |