**DAILY ASSESSMENT FORMAT**

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| **Date:** | **06/07/2020** | **Name:** | **Prajwal Kamagethi Chakravarti P L** |
| **Course:** | **Matlab From Mathworld** | **USN:** | **4AL17EC073** |
| **Topic:** | 1. **Course Overview** 2. **Commands** 3. **MATLAB Desktop and Editor** 4. **Vectors and Matrices** 5. **MIT APP inventor** | **Semester & Section:** | **6 & B** |
| **Github Repository:** | **https://github.com/alvas-education-foundation/Prajwal-Kamagethi.git** |  |  |

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| **SESSION DETAILS**  **Session images**  **­­­**  **MATLAB is an interactive program for numerical computation and data visualization. You can enter a command by typing it at the MATLAB prompt '>>' on the Command Window.**  **In this section, we will provide lists of commonly used general MATLAB commands.** **Commands for Managing a Session** **MATLAB provides various commands for managing a session. The following table provides all such commands −**   |  |  | | --- | --- | | **Command** | **Purpose** | | **clc** | **Clears command window.** | | **clear** | **Removes variables from memory.** | | **exist** | **Checks for existence of file or variable.** | | **global** | **Declares variables to be global.** | | **help** | **Searches for a help topic.** | | **lookfor** | **Searches help entries for a keyword.** | | **quit** | **Stops MATLAB.** | | **who** | **Lists current variables.** | | **whos** | **Lists current variables (long display).** |  **Commands for Working with the System** **MATLAB provides various useful commands for working with the system, like saving the current work in the workspace as a file and loading the file later.**  **It also provides various commands for other system-related activities like, displaying date, listing files in the directory, displaying current directory, etc.**   * **MATLAB Desktop and Editor**   Intro to Matlab: Environment **Matrices and Arrays** MATLAB is an abbreviation for "matrix laboratory." While other programming languages mostly work with numbers one at a time, MATLAB® is designed to operate primarily on whole matrices and arrays.  All MATLAB variables are multidimensional arrays, no matter what type of data. A matrix is a two-dimensional array often used for linear algebra.   * **MIT app inventor** |