DAILY ASSESSMENT FORMAT

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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** 6. **CISCO IOT**	Semester & Section:	6 & B
Github Repository:	https://github.com/alvas-education-foundation/Prajwal-Kamagethi.git		

SESSION DETAILS

Session images
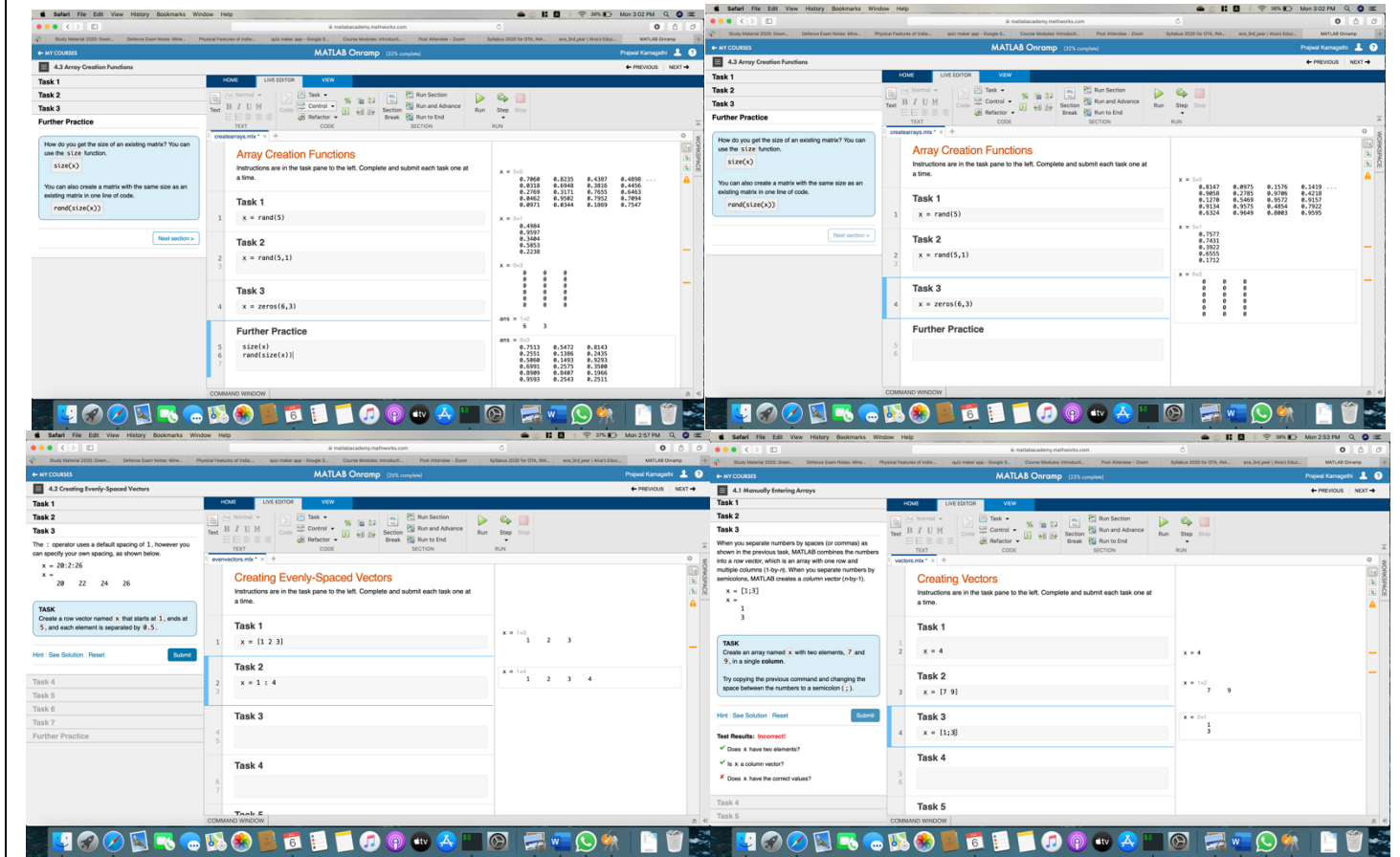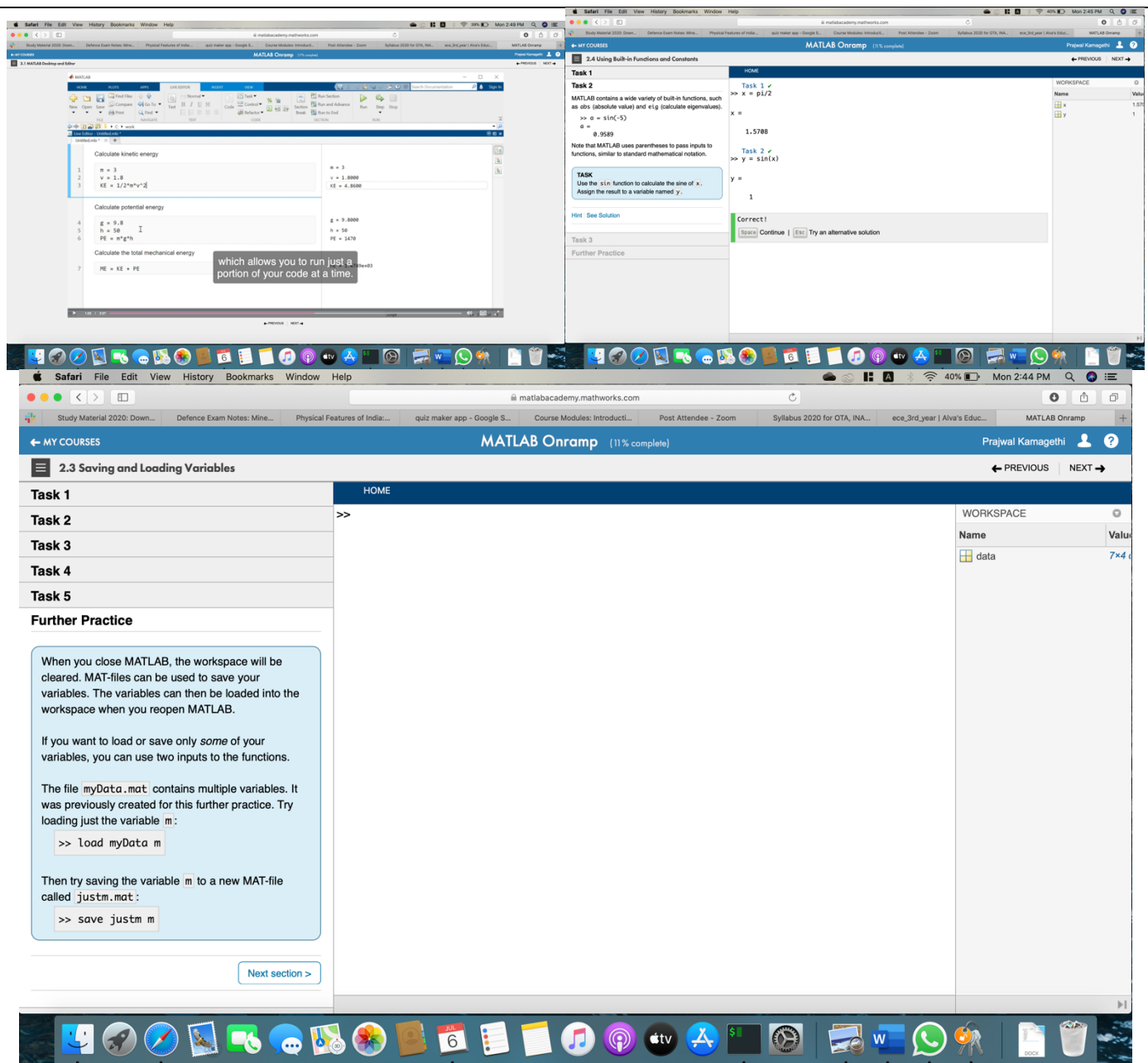
MATLAB is an interactive program for numerical computation and data visualization. You can enter a command by typing it at the MATLAB prompt '>>' on the Command Window.

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**
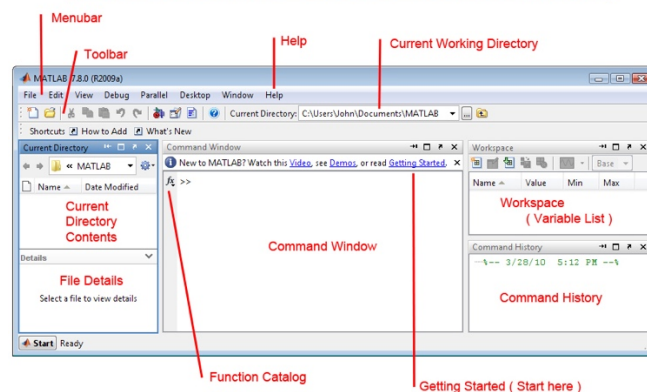
Matrices and Arrays

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**

First Time in This Course

Welcome

This Introduction to Internet of Things 2.0 course is designed for people wishing to explore the Internet of Things and the impact it has on our everyday lives. It is not the intention of this course to teach about the IoT in depth but to provide a general understanding of the IoT and how it allows for digitization of daily tasks.

To learn more, we encourage you to enroll in additional Cisco networking and IT related courses at your institution. Other IoT courses you may be interested in include: Connecting Things, Big Data and Analytics, and IoT Security. You may also be interested in CCNA and Cybersecurity courses provided by the Cisco Networking Academy.

The Cisco Networking Academy Facebook site is where you can meet and engage with other Networking Academy students from around the world. You may be able to receive peer to peer support if you have questions about the curriculum.

All quizzes and assessments can be accessed through the Modules section of the course.

Click the **Next** button to go to the resources and support page.

Next ▸