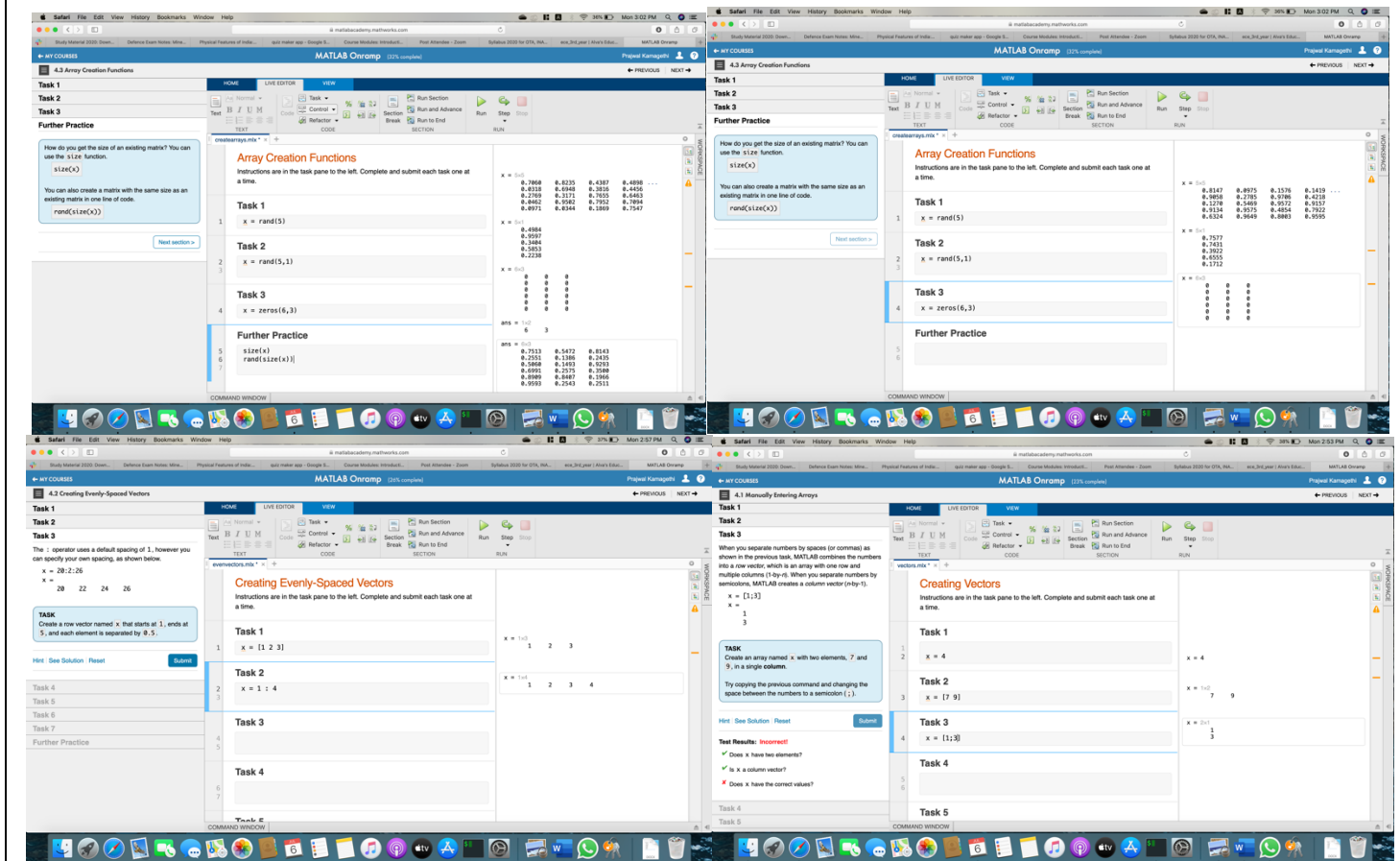


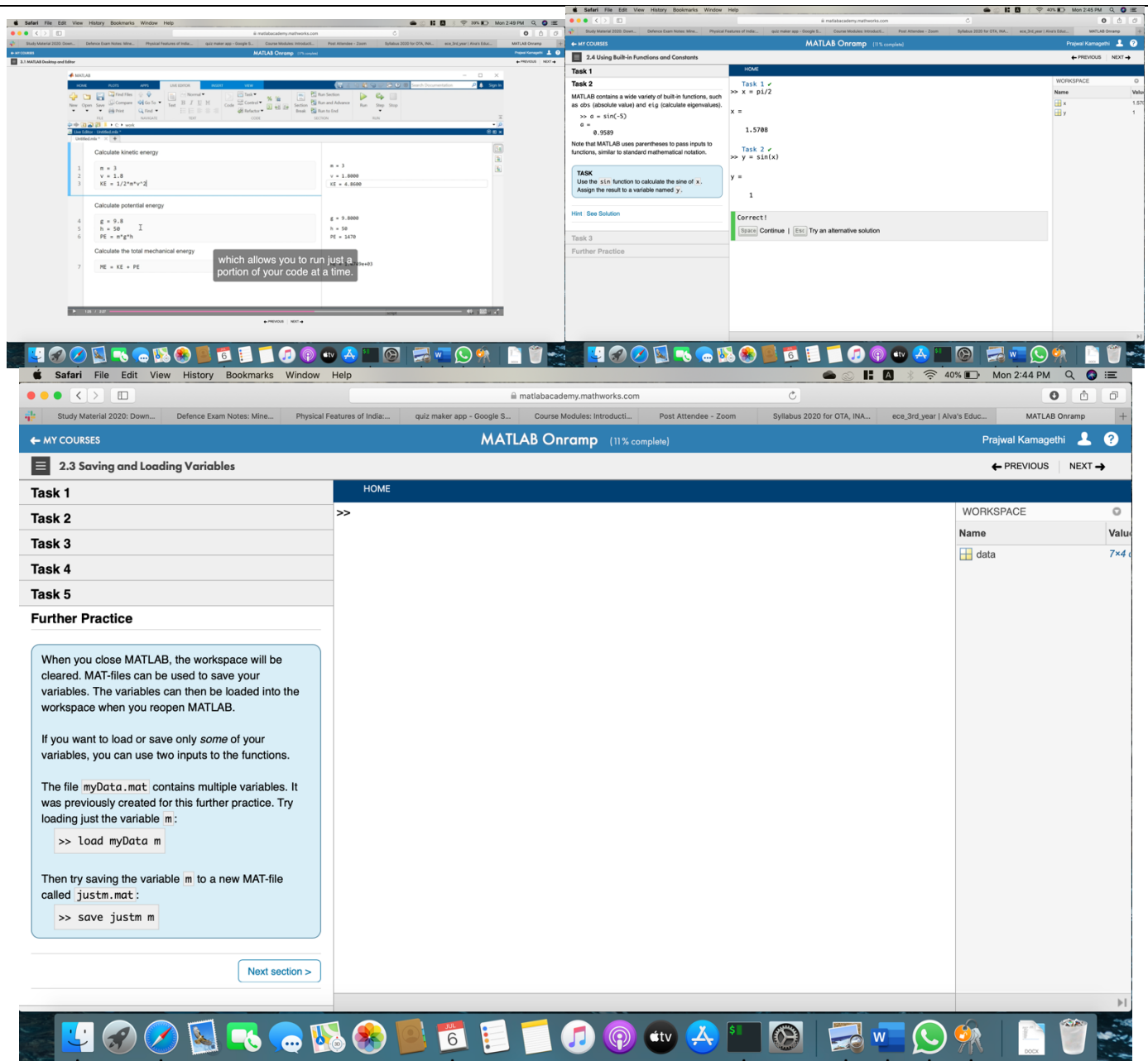
DAILY ASSESSMENT FORMAT

Date:	06/07/2020	Name:	Prajwal Kamagethi Chakravarti P L
Course:	Matlab From Mathworld	USN:	4AL17EC073
Topic:	<ol style="list-style-type: none"> 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		

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).

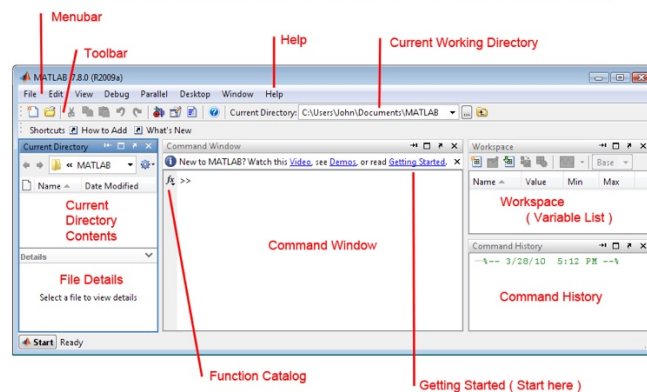
Commands for Working with the System

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

The MATLAB Work 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**

