

Lecture Module - Introduction and MATLAB Review

ME3023 - Measurements in Mechanical Systems

Mechanical Engineering
Tennessee Technological University

Topic 3 - Hello World

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- What is a Program?
- Writing Your First Program
- Step by Step Instructions

What is a Program?

- This word has several definitions.
- In MATLAB we will refer to a program as a *script*

You need to setup and manage a directory for this class!

Writing Your First Program

- 1 Open the **MATLAB** application.
- 2 In the *Editor* window. Click on the **new** Button. Go down to **script**.
- 3 Write a proper **header** at the top of your script. Make sure to include your *Name*, the *Date*, the *Course*, and a *Description* of this program.
- 4 In the *Editor* window. Click on the **save** button. Now you will need to name your file and save it in your directory structure.
- 5 Now you are going to start **writing** your first program.
- 6 **Run** your program and *watch the magic!*

Step by Step Instructions

Step 1 - Open the **MATLAB** application.

Step by Step Instructions

Step 2 - In the *Editor* window. Click on the **new** Button.

Go down to **script**

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Step 3 - Write a proper **header** at the top of your script.

Make sure to include your *Name*, the *Date*, the *Course*, and a *Description* of this program.

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Step 4 - In the *Editor* window. Click on the **save** button.

Now you will need to name your file and save it in your directory structure.

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Step 5 - Now you are going to start **writing** your first program.

Make sure you are in the *Editor* window.

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Step 6 - Run your program and *watch the magic!*