

## Module 1 - Introduction

ME3001 - Mechanical Engineering Analysis

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**

# Step by Step Instructions

**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.

# Step by Step Instructions

**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.



# Step by Step Instructions

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

Make sure you are in the *Editor* window.

# Step by Step Instructions

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