## Assognment 3

The purpose of this assignment is to familiarize and get you comfortable to find and utilize any built-in function in MATLAB.

## 1 Function Finding

Find the following function using any recource and describe their functions and what each of the arguments represent. Let $x, y$, and $z$ be arbitrary argument place holders.

$$
\begin{align*}
& \sin (x)  \tag{1}\\
& \operatorname{sind}(x)  \tag{2}\\
& \operatorname{linsolve}(x, y)  \tag{3}\\
& \operatorname{plot}(x, y)  \tag{4}\\
& \operatorname{plot}(x, y, z)  \tag{5}\\
& \operatorname{subplot}(x, y, z)  \tag{6}\\
& \operatorname{flip}(x), \operatorname{transpose}(x)  \tag{7}\\
& \operatorname{sum}(x)  \tag{8}\\
& \operatorname{figure}(x) \tag{9}
\end{align*}
$$

Notice that for the same functions, you can a different amount of arguments, the number of arguments play a role on how the function exec

## 2 Command Finding

$$
\begin{align*}
& \text { clc, clear, close all }  \tag{10}\\
& \text { pi }  \tag{11}\\
& \text { help }  \tag{12}\\
& \text { run }  \tag{13}\\
& \text { tic, toc } \tag{14}
\end{align*}
$$

