Assignment 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 resource and describe their functions and what each of the arguments represent. Let \( x, y, \) and \( z \) be arbitrary argument place holders.

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

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

\[
\begin{align*}
\text{clc} & \ , \ 	ext{clear} & \ , \ 	ext{close all} & \ (10) \\
\pi & \ (11) \\
\text{help} & \ (12) \\
\text{run} & \ (13) \\
\text{tic} & \ , \ 	ext{toc} & \ (14)
\end{align*}
\]