# Practical 3

*This document is a starting point for preparing your responses to Practical Three. Save it as as a new document and then replace the phrase, “>Enter response here” with your responses.*

**Name:**

**Date:**

Creating Arrays: Create the arrays by each method and insert images of them (screen capture using snipping tool).

>Enter response here

Stopping Calculations What happened when you entered this command [1:0.0001:1000] ? And then [1:0.0001:1000]; ?

>Enter response here

Array Subscripts: Which commands create scalars? Which commands create arrays? What process selected the elements? Include images of your new sub arrays of A.

>Enter response here

Array Functions: Copy and paste your code for arrayFunctions.m

>Enter response here

Plotting graphs: copy and paste plotArray.m (make sure you include comments) and its graph (appropriately labelled). What is wrong with this graph? How does changing the variables impact the graph?

>Enter response here

Operations: Define A, B and C

|  |  |  |
| --- | --- | --- |
| **Command** | **Works?** | **Observation** |
| A\*c+d | Yes / No |  |
| A\*c+d\*B | Yes / No |  |
| A\*B | Yes / No |  |
| A.\*B | Yes / No |  |
| A\*5 | Yes / No |  |
| A.\*5 | Yes / No |  |
| 5\*A | Yes / No |  |
| A/5 |  |  |
| 5/A |  |  |
| 5./A |  |  |
| A^2 |  |  |
| 2^A |  |  |
| 2.^A |  |  |

Debugging: Share your outputs.

>Enter response here

Define the following terms:

Array

>Enter responses here

Index

>Enter responses here

Dot Notation

>Enter responses here

Cell mode

>Enter responses here

Sections

>Enter responses here