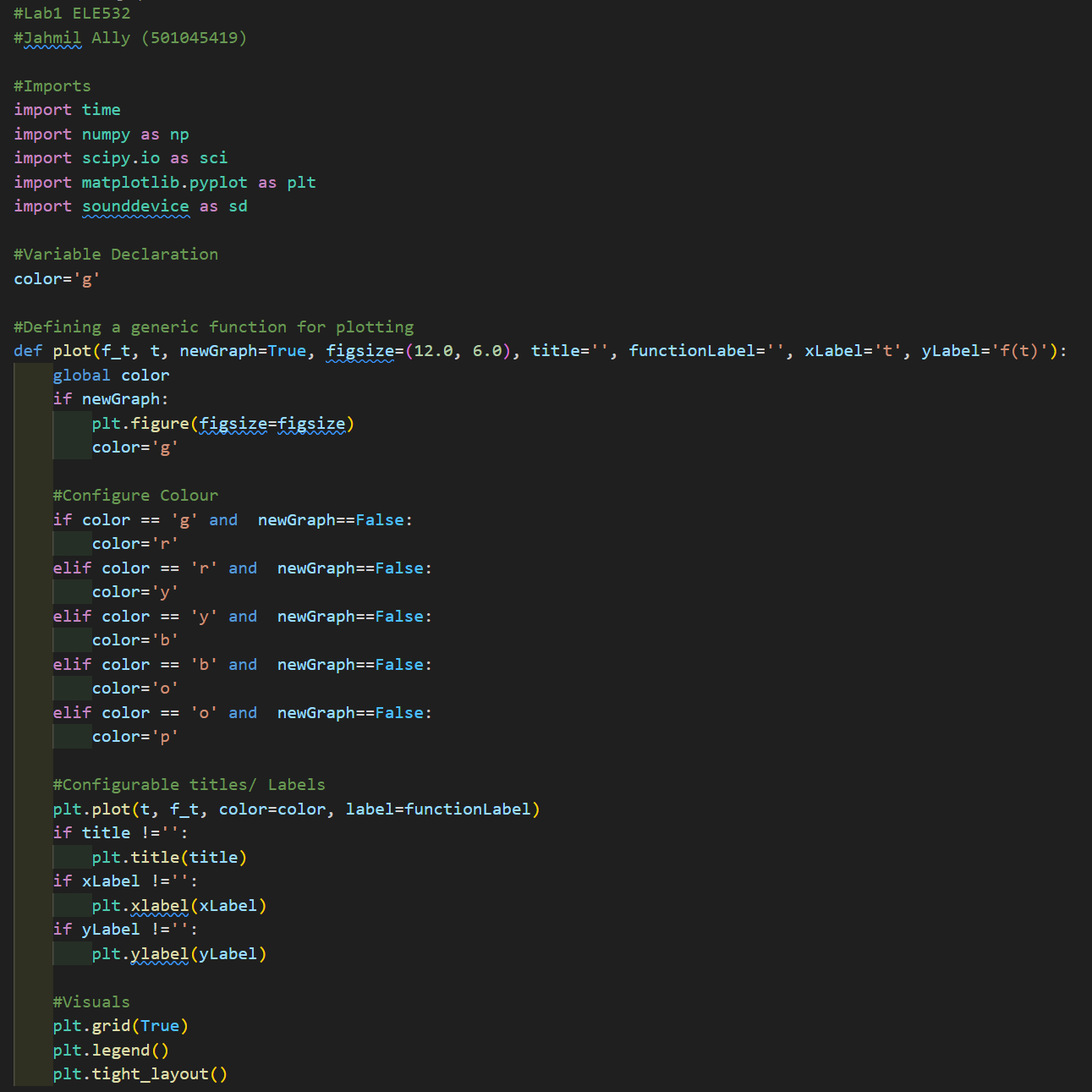
Lab Assignment

Imports, Functions and Variables



A. Anonymous functions and plotting continuous functions.

* **Problem A.1**

Code:

A computer screen with colorful text

Description automatically generated

Results:

**A graph with a line

Description automatically generated**

**A screen shot of a graph

Description automatically generated**

* **Problem A.2**

Code:

A screenshot of a computer

Description automatically generated

Results:

**A graph with a green line

Description automatically generated**

* **Problem A.3**

Code:

A screen shot of a computer screen

Description automatically generated

Results:

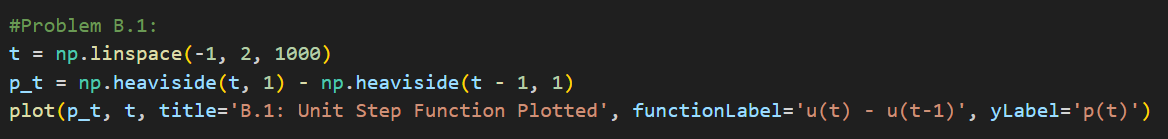
**A graph with a line and a red line

Description automatically generated**

B. Time shifting and time scaling.

* **Problem B.1**

Code:



Results:

**A screenshot of a graph

Description automatically generated**

* **Problem B.2**

Code:

A screen shot of a computer program

Description automatically generated

Results:

**A graph with a green line

Description automatically generated**

* **Problem B.3**

Code:

A computer screen with colorful text

Description automatically generated

Results:

**A screenshot of a graph

Description automatically generated**

* **Problem B.4**

Code:

A computer screen with text on it

Description automatically generated

Results:

**A screenshot of a graph

Description automatically generated**

* **Problem B.5**

Code:

A computer screen with colorful text

Description automatically generated

Results: **A screen shot of a graph

Description automatically generated**

The unit step functions, share all qualities except that they are out of phase with one another.

C. Visualizing operations on the independent variable and algorithm vectorization.

* **Problem C.1**

Code:

A screen shot of a computer

Description automatically generated

Results:

**A screen shot of a graph

Description automatically generated**

* **Problem C.2**

Code:

A computer screen shot of a black background

Description automatically generated

Results:

**A screen shot of a graph

Description automatically generated**

* **Problem C.3**

Code:

A computer screen with text on it

Description automatically generated

Results:

**A graph with colored lines

Description automatically generated**

D. Array indexing.

**A computer screen with text

Description automatically generatedA**

* **Problem D.1**

Code:

A screen shot of a computer program

Description automatically generated

Results:

**A screenshot of a computer

Description automatically generated**

* **Problem D.2**

Code:

A screen shot of a computer program

Description automatically generated

Results:

**A number on a black background

Description automatically generated**

* **Problem D.3**

Code:

A screenshot of a computer program

Description automatically generated

Results:

****