Experiment No: 01

Experiment name:

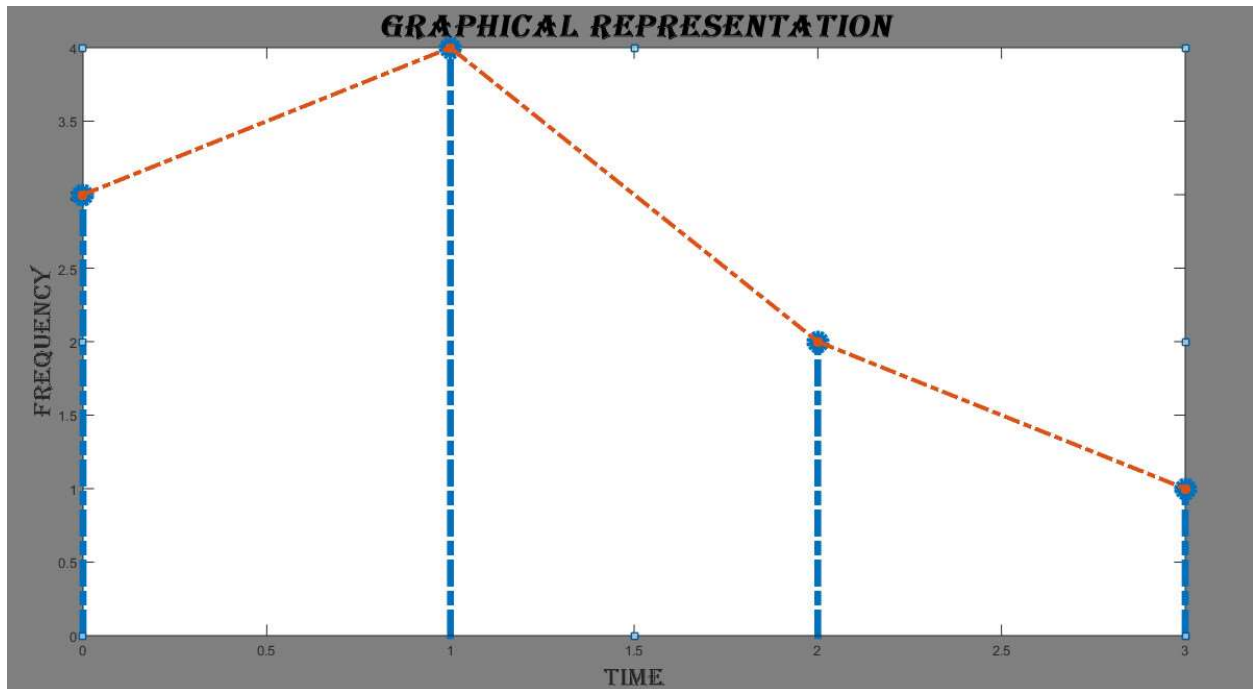Write a program of Graphical Representation.

Objective:

Graphical representation of data provides a quick and easy-to-read picture of information that clearly shows what otherwise takes a great deal of explanation. The impact of graphical data is typically more pointed. From this lab it will be learnt how to represent data in graphical representation.

Source code:

```
all clear;

all close;

clc;

x = [0 1 2 3];

y = [3 4 2 1];

stem(x,y)

hold on

plot(x,y)
```

Output:

GRAPHICAL REPRESENTATION

Discussion:

Graphical representation help us to represent data graphically. From the above code, we see that we can take index (such as time) in a particular axis and data value (such as frequency) in the other. Thus , we can have an unique graph to represent some data.