**Experiment: 01**

**Aim:** Implementing arithmetic operations on Vectors in Scilab.

Objective: learn to handle vectors and performing basic arithmetical operations on it.

A multiple vectors A divide vector An exponential vector

X=t.sin(t) y=(t-1)/(t+1) z=[sin(t2)/(t2)]

**Code:**

*/\*Creating vectors t with 10 elements 1 to 10\*/*

*//a multiply vector*

t=linspace(1,10,10);

disp("Multiply Vectors")

y=sin(t);

x=t\*y';

disp(x)

disp("A divide vectors")

w=(t-1)/(t+1);

disp(w)

disp("A exponential vector")

b=sin(t\*2);

c=b/(t\*2);

disp(c)

**Result:**

