1. A = -1 2 3 4

4 -5 6 100

7 8 -9 -99

a. Convert 3rd row to 0.

b. Print last 2 rows.

c. Find the total sum of all the negative elements of A.

d. Print A in a way where column 1 will be row 3, column 3 will row 1, column 2 will be row 4, column 4 will row 2 and so on.

2.

a. Create an array of size 3×4

b. Print element of row=2 and column=3

c. Print 3rd row

3. Write a program to print sum of odd columns and multiplication of even columns of a 5×5 matrix.

4. Write a search function which will print index/indexes of the element to be searched (taken from user as input) in a 5×5 matrix.

5. Plot the following equation with x1(t) = 4sin(0.04πt), x2(t) = 5cos(0.05πt), x3(t)=4sin(0.05πt) for t = 0,5,10,…,30 with necessary title and labels in 3 sub-graphs as 3 rows.