Data Structures and Algorithms Laboratory
Paper code –ES-CS391
3rd Semester ECE1

Assignment #1:

Write a C program to perform polynomial representation and addition between two given polynomials.

Example: P1: $3X^3 + 4X^2 + X$

P2: $4X^4 + 2X^3 + 10$

P3 = P1 + P2 = $4X^4 + 5X^3 + 4X^2 + X + 10$

Important Notes:

a) All the programs must be implemented using functions.

b) Programs without output is invalid.

c) Upload the programs with output in the assignment section of Google Classroom.