­­CLL:113-Tut-6

Q1. Develop a C/C++ program to implement Bairstow’s method to determine the positive real roots of

(a) f (x) = x3 + x2 − 4x − 4

(b) f (x) = x3 − 0.5x2 + 4x – 2

The program should print values for –

r, s, b3, b2, b1, b0, dels, delr, errs, errr

for each iteration in command line.

Error tolerance = 10^-5

Finally, the program should print the positive real roots for the equation.

Make a single program for both the equations.