

Home-Work-5

Deadline:11:00 PM ,22 March,2014

P1)Write an ARM assembly language program which computes the maximum, minimum and average of an array of numbers. The array of numbers have to be read from the keyboard and stored in the data segment. The end of the input array is indicated by -1. You can assume the maximum size of the array to be 30. You can use the latest version of [io.h](#) for scanning and printing integers.

P2)Prefix Sum Problem: The problem description is [here](#). You need the files [initdata.c](#) and [prefix-sum.s](#). Add another C file *displayarray.c* which contains a C-function to display the computed prefix sum.
