BCSE II – Data Structure and Algorithms Lab

Assignment – 1

(To be completed during the lab session)

1. Write a program which will accept some integer data from the user input (or from a file) and store the data in an array. The array will end with the value 0.

2. Next, update your program with the following functions:

    (a) Write a function to insert a new data after a given data in the array.

    (b) Write a function to insert a new data before a given data in the array.

    (c) Write a function to delete a given data from the array.

    (d) Write a function to insert a data exactly at the n-th position in the array.

    (e) Write a function to find the middle data of the array.

    (f) Write a function to get the n-th data from the end of the array.