

Department of Information Technology  
Indian Institute of Engineering Science and  
Technology, Shibpur  
Data Structure Lab  
3rd Semester HX-2018

**SET E**

1. Write a C Program for resolving the collision in the hash algorithm by implementing the chaining method.
2. Write a C Program which will take the elements from the command line and sort them by Merge Sort algorithm.
3. Write a C Program which will take the elements from the terminal and sort them by Quick Sort algorithm
4. Write a C Program for binary search or half-interval search algorithm to find a target value within a sorted array.

*DUE DATE 6 NOV 2018*

Final Examination Date is 15<sup>th</sup> November 2018.