



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
Indian Institute of Information Technology Guwahati
DATA STRUCTURES LAB (CS111)
ASSIGNMENTS-07

Assignments to be completed during lab sessions

1. Write a program to convert infix expression to postfix expression.
2. Write a program to evaluate postfix expressions.
3. Write a program to add two polynomials using arrays.
4. Write a program to add two polynomials using linked lists.
5. Write a program to perform Bubble Sort with a flag to reduce the best-case time complexity).
6. Write a program to perform Selection Sort.
7. Write a program to perform Merge Sort.
8. Write a program to perform Quick Sort.