भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI

Data Structure Lab, B.Tech 2nd Semester

Instructions

1. After completion, you can share the files in mail to g1.ds.lab.iiitg@gmail.com.

2. Deadline to submit is 17th May 2022.

Assignment -4

1. Write a C program to copy the contents of one stack to another. Create the stack using linked list.

2. Write a C program to check whether a string of opening and closing parenthesis is well formed or not.

3. Write a C program to convert the following infix expressions into their equivalent prefix expression.

    (a) (A-B)*(D/E)
    (b) A*(B+D)/(E-F*(G+H/K))