



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](mailto:g1.ds.lab.iiitg@gmail.com).
2. Deadline to submit is 24th May 2022.

**Assignment -5**

1. Write a C program to compare two queues when queues are implemented as a linked list.
2. Write a C program to keep track of the customers who are given numbers at a bakery and be served in order when their numbers come up. (Note that customers are given numbers on first come first served basis.)