

**Indian Institute of Engineering Science and Technology, Shibpur.
IT Department**

COMPUTER NETWORKS LABORATORY 2020

Remaining assignments

1. Write a multiclient chat Server and chat client. User can communicate by both image and text message.

(Use C and Python)

2. Find the geolocation of a client connecting to your server.
[Hint: Find the IP & PORT NO. of the client and then find the geographical location]

Map the geographical location in a world map (may be a google map).

3. Write a web crawler in c and Python.
4. Write a program to find the intermediary router from the client machine to a specific web server.