Computer Networks Laboratory CSN-361 Assignment 1 (L2)

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Class: B.Tech CSE 3rd Year

Problem Statements

1. Write a program that in C to connect two nodes on a network to communicate with each other, where one socket listens on a particular port at an IP, while other socket reaches out to the other to form a connection.

Algorithms and Data Structures Used

Server Code:

Create socket file descriptor

Get IPv4 and IPv6 addresses and convert them to binary

Connect to the port the described IP

Read message when it arrives from client

Client Code:

Create socket file descriptor
Attach socket to port 8080
Forcefully attach socket to port 8080
Send message through socket

Snapshots

Server logs from the server on message transfer

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| Conceptions | Part | Description | Part | Descrip
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Client message sent

