**19CIL54 – Computer Networks Laboratory**

**Assignment-3**

**UDP server/Client chat**

Implement simple calculator using UDP server/Client chat.

Client sends two operands and operation to be done. Server which implements simple calculator function returns the result to the client.This process continues till client sends “bye” to server.

(Note: simple calculator includes the operation like add,sub,mul,div,sin,cos,tan,sqroot,cbroot,power,min,max)

**Sample Input and output:**

|  |  |
| --- | --- |
| **Client** | **Server** |
| 1 2 + | Received operands 1 & 2, operation:+ |
| Ans is :3 |  |
| 3 1 - | Received operands 3 &1,operation:- |
| Ans: 2 |  |
| 3 2 sqrt | Received operands 3 & 2,operation : sqrt |
| Ans: 9 4 |  |