**Lab Task 6**

Question 1:

Create a TCP client-server chat program (two-way) to see how server connects to two clients and handles them simultaneously using fork().

Note: Run your program on multiple systems.

Question 2:

Create a TCP client-server program such that, two clients communicate with each other using server as a relay node. Use fork().

Question 3:

Create a client-server program using fork() to connect 2 clients simultaneously. As soon as

the server starts, it displays a menu containing the following options:

1. Check whether the number is prime

Client enters 1, server asks for the number, client send the number, server checks whether number is prime, and sends the result to client, client displays it

1. Reverse a sentence

Client enters 2, server asks for a sentence, client sends the sentence, server reverses it, and sends the result to client, client displays it