

**SSN College of Engineering,
Department of Computer Science and Engineering
CS2309 - Java Lab**

Exercise 10:

Aim: To develop multi-threaded echo server and a corresponding GUI client in Java.

Algorithm:

1. Create a server class using multithreading to serve the request from the client by echoing the message given by client.
2. Create a GUI client with components for server name, message to be sent, send button, message echoed from server.
3. In server create a thread for handling the echo process for every client's request.
4. Use TCP or UDP network programming to transfer the data between client and server.