

```
import java.net.Socket;
import java.net.ServerSocket;
import java.io.IOException;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.PrintWriter;

public class ReverseServerMT {
    public static void main (String[] args) {
        try {
            ServerSocket ssock = new ServerSocket (port, max_conn);

            while (true) {
                Socket sock = ssock.accept(); // accept() blocks
                new ClientHandler (sock).start();
            }
        } catch (IOException e) {
            System.err.println(e);
        }

        private static final int port = 9876;
        private static final int max_conn = 100;
    }

    class ClientHandler extends Thread {
        ClientHandler (Socket _sock) {
            sock = _sock;
        }

        public void run() {
            try {
                InputStreamReader isr = new InputStreamReader (sock.getInputStream());
                BufferedReader in = new BufferedReader (isr);
                String req = in.readLine(); // blocks

                String res = new StringBuffer(req).reverse().toString();
                PrintWriter out = new PrintWriter (sock.getOutputStream());
                out.println (res);
                out.flush();

                sock.close();
            } catch (IOException e) {
                System.err.println(e);
            }
        }

        private Socket sock;
    }
}
```