

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

            while (true) {
                Socket sock = ssock.accept(); // accept() blocks

                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 static final int port = 9876;
    private static final int max_conn = 1;
}
```