```java
import java.io.*;
import java.net.*;
import java.util.*;

public class ChatServer {
    private static Set<PrintWriter> clientWriters = new HashSet<>();

    public static void main(String[] args) {
        System.out.println("Chat server started...");
        try (ServerSocket serverSocket = new ServerSocket(12345)) {
            while (true) {
                new ClientHandler(serverSocket.accept()).start();
            }
        } catch (IOException e) {
            e.printStackTrace();
        }
    }

    private static class ClientHandler extends Thread {
        private Socket socket;
        private PrintWriter out;
        private BufferedReader in;

        public ClientHandler(Socket socket) {
            this.socket = socket;
        }

        public void run() {
            try {
                in = new BufferedReader(new
InputStreamReader(socket.getInputStream()));
                out = new PrintWriter(socket.getOutputStream(), true);

                synchronized (clientWriters) {
                    clientWriters.add(out);
                }

                String message;
                while ((message = in.readLine()) != null) {
                    System.out.println("Received: " + message);
                    broadcast(message);
                }
            } catch (IOException e) {
```

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                e.printStackTrace();
        } finally {
            try {
                socket.close();
            } catch (IOException e) {
                e.printStackTrace();
            }
            synchronized (clientWriters) {
                clientWriters.remove(out);
            }
        }
    }

    private void broadcast(String message) {
        synchronized (clientWriters) {
            for (PrintWriter writer : clientWriters) {
                writer.println(message);
            }
        }
    }
}
}
```