```java
package ch19.sec07;

import java.io.DataInputStream;
import java.io.DataOutputStream;
import java.io.IOException;
import java.net.Socket;
import java.util.Scanner;

import org.json.JSONObject;

public class ChatClient {
    //필드
    Socket socket;
    DataInputStream dis;
    DataOutputStream dos;
    String chatName;

    //메소드: 서버 연결
    public  void connect() throws IOException {
        socket = new Socket("localhost", 50001);
        dis = new DataInputStream(socket.getInputStream());
        dos = new DataOutputStream(socket.getOutputStream());
        System.out.println("[클라이언트] 서버에 연결됨");
    }

    //메소드: JSON 받기
    public void receive() {
        Thread thread = new Thread(() -> {
            try {
                while(true) {
                    String json = dis.readUTF();
                    JSONObject root = new JSONObject(json);
                    String clientIp = root.getString("clientIp");
                    String chatName = root.getString("chatName");
                    String message = root.getString("message");
                    System.out.println("<" + chatName + "@" + clientIp + "> " +
                    message);
                }
            } catch(Exception e1) {
                System.out.println("[클라이언트] 서버 연결 끊김");
                System.exit(0);
            }
        });
        thread.start();
    }

    //메소드: JSON 보내기
    public void send(String json) throws IOException {
        dos.writeUTF(json);
        dos.flush();
    }

    //메소드: 서버 연결 종료
    public void unconnect() throws IOException {
        socket.close();
    }

    //메소드: 메인
    public static void main(String[] args) {
        try {
            ChatClient chatClient = new ChatClient();
            chatClient.connect();

            Scanner scanner = new Scanner(System.in);
            System.out.println("대화명 입력: ");
            chatClient.chatName = scanner.nextLine();

            JSONObject jsonObject = new JSONObject();
            jsonObject.put("command", "incoming");
            jsonObject.put("data", chatClient.chatName);
            String json = jsonObject.toString();
            chatClient.send(json);
```

```java
                    chatClient.receive();

                    System.out.println("------------------------------------------------");
                    System.out.println("보낼 메시지를 입력하고 Enter");
                    System.out.println("채팅를 종료하려면 q 를 입력하고 Enter");
                    System.out.println("------------------------------------------------");
                    while(true) {
                        String message = scanner.nextLine();
                        if(message.toLowerCase().equals("q")) {
                            break;
                        } else {
                            jsonObject = new JSONObject();
                            jsonObject.put("command", "message");
                            jsonObject.put("data", message);
                            json = jsonObject.toString();
                            chatClient.send(json);
                        }
                    }
                    scanner.close();
                    chatClient.unconnect();
            } catch(IOException e) {
                System.out.println("[클라이언트] 서버 연결 안됨");
            }
        }
    }
```