Server:

```javascript
const net = require('net');
const server = net.createServer(socket => {
    console.log('Client connected:', socket.remoteAddress, socket.remotePort);
    socket.on('data', data => {
        const message = data.toString().trim();
        console.log('Received from client:', message);
        const response = generateResponse(message);
        socket.write(response);
    });
    socket.on('end', () => {
        console.log('Client disconnected:', socket.remoteAddress, socket.remotePort);
    });
});
const PORT = 12345;
server.listen(PORT, () => {
    console.log(`Server listening on port ${PORT}`);
});
function generateResponse(inputMessage) {
    const responses = {
        hi: "Hello! How can I assist you?",
        hello: "Hello! How can I assist you?",
        "how are you": "I'm just a server, but I'm here to help!",
        bye: "Goodbye! Have a great day!",
        "": "I'm here to chat. Say something!"
    };
    const response = responses[inputMessage.toLowerCase()] || "I'm not sure how to respond to that.";
    return response + '\n';
}
```

Client:

```javascript
const net = require('net');

const readline = require('readline');

const rl = readline.createInterface({

    input: process.stdin,

    output: process.stdout

});

const client = new net.Socket();

client.connect(12345, '127.0.0.1', () => {

    console.log('Connected to server');

    rl.setPrompt('You: ');

    rl.prompt();

});

client.on('data', data => {

    console.log('Server:', data.toString());

    rl.prompt();

});

rl.on('line', line => {

    client.write(line);

});

rl.on('close', () => {

    console.log('Connection closed');

    client.end();

});

client.on('close', () => {

    console.log('Disconnected from server');

    process.exit(0);

});
```

Output:

Server:

Server listening on port 12345

Client connected: ::ffff:127.0.0.1 54420

Received from client: hello

Received from client: how are you

Client:

Connected to server

You: hello

Server: Hello! How can I assist you?

You: how are you

Server: I'm just a server, but I'm here to help!