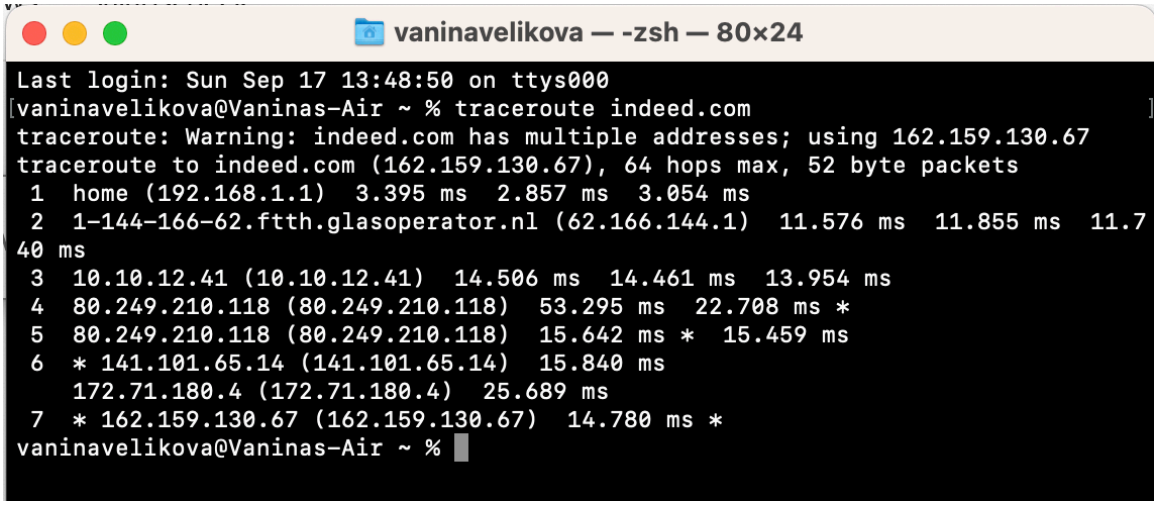
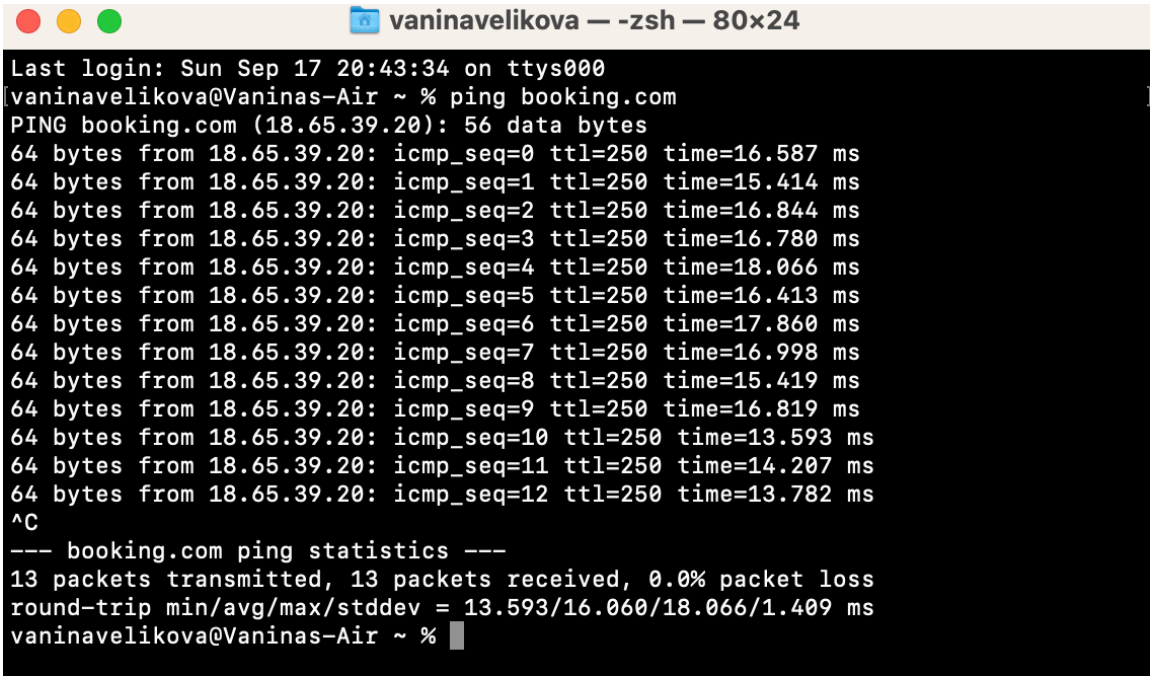
Exercise: Networks, Internet and Protocols

Problems for exercises and homework for the "Software Technologies" course @ Software University.

1. Trace the route/connectivity to a certain IP address

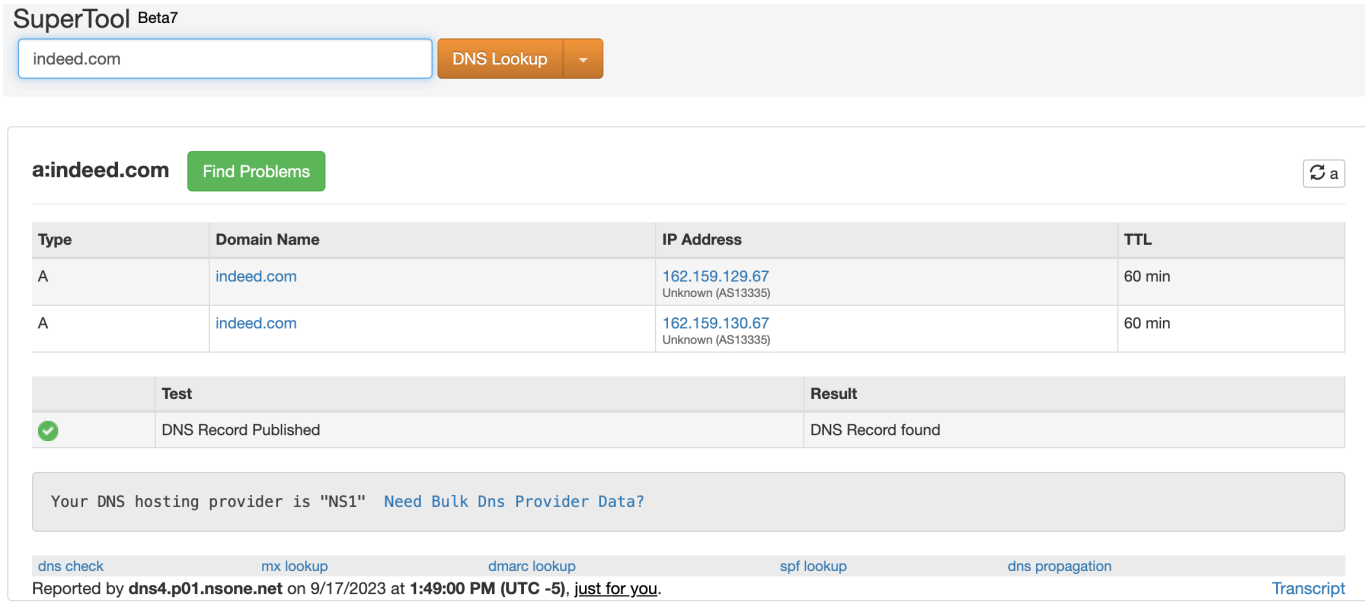
1.1. Use the “tracert” command to test route to an external website of your choosing /Example: wikipedia.com/
1.2. Use the “ping” command to test connectivity to an external website of your choosing
2. Add a screenshot of the result here:





2. Find the IP address behind a domain name

1. Using an online DNS lookup tool, like **DNS Checker** or **MX Toolbox** find the IP address of a domain. /Example: medium.com/
2. Add a screenshot of the result here:



3. Execute HTTP GET

1. Using https://restcountries.com/ and DevTools on your browser. Execute a GET request for a country of your choosing. /Example: https://restcountries.com/v3.1/name/deutschland/
2. Add a screenshot of the result with DevTools open here: