06.21   Describe what happens when you click on a URL in a browser

① You type the URL, for example, www.leetcode.com into the browser.

② The browser, will contact the DNS (domain name system), to convert the human-readable URL into the numerical IP address.

③ With the IP address, the browser can send an HTTP request to the server.

④ If the server receives the HTTP request from the browser, it will prase

the request, and send an HTTP response to the browser.

⑤ After receiving the response, the browser will render the HTML encoded in the response. If there are additional rescourses embedden in the HTML, steps 3~5 will be repeated.