**TASK -1**

**Q4: What happens when you type a URL in the address bar in the browser?**

**Step-1**: You enter a URL into a web browser

**Step-2:** The browser looks up the IP address for the domain name via DNS

**Step-3:** The browser sends a HTTP *request* to the server

**Step-4:** The server sends back a HTTP *response*

**Step-5:** The browser begins rendering the HTML

**Step-6:** The browser sends requests for additional objects embedded in HTML (images, css, JavaScript) and repeats steps 3-5.

**Step-7:** Once the page is loaded, the browser sends further async requests as needed