

1.What happens when you type google.com on your browser and enter ? Write a full report on it.

On typing www.google.com a series of steps will be performed some of the basic thing that will happen are loaded in following lines:

**browser check:** The browser checks if it's a URL.

- **DNS Lookup:** The browser asks the Domain Name System (DNS) for the IP address of Google's server.
- **Connection Established:** The browser establishes a connection to the server using TCP.
- **Request Sent:** The browser sends an HTTP request for the Google homepage.
- **Response Received:** The server sends back the HTML content of the page.
- **Page Displayed:** The browser interprets the HTML and displays the Google homepage.