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**Exercise: 7- Implementation of Recursive DNS using UDP**

1. Establish recursive DNS using UDP in local DNS server.

Hint: The client gets the required host name (www.amazon.com) as input, passes on to the local DNS server which queries the root server (eg-com), which in turn queries the tld / intermediate DNS server (amazon.com), which again queries the authoritative server for the final hostname (www.amazon.com). Once the IP is found in auth.txt, the authoritative server returns it to the tld, tld to root, root to local and local to client. The client receives the IP and prints it.