δN
-) DNS -> (Domain Name System) is like a
phonebook for the internet.
=) ONS translate human-seadable domain name like (xy2.com) into machine-seadable Ip addresses (192.0.2.1)
like (xyz. com) into machine-reaclable, To
addresses (192.0.2.1).
-) working of DNS
1) Damain Name Registration: Voce register a
domain name with a legistrar.
2) DNS Zone File: The registrar creater a DNS
donain name to IP addlesses.
domain name to IP addlesses.
3) Name Servers: The zone gibe in hacked on mame
servers (usually provided by your registras or pris
Jerrice)
4) Recursive Revolvers: when you enter a domain
name in your browser, your device sends a
quely to a recursive resolver (usually Provided
by your Isp or operating system
5) Query Bocers: Recursive resolver sends the
Bout many chief dilector
- Root mame server directs the guery to a
top-level domain (TUD) mane server (1140 com).
- TLD name server directs the query to the authoritative mame server for your domain.
- Authoritative mane verves seturns the
IP address associated with your domain mame.
(6) IP Address Returned: The recursive resolves
received the Ip address and returns it to
your device.
1 Connection Extrabolated your device connection.