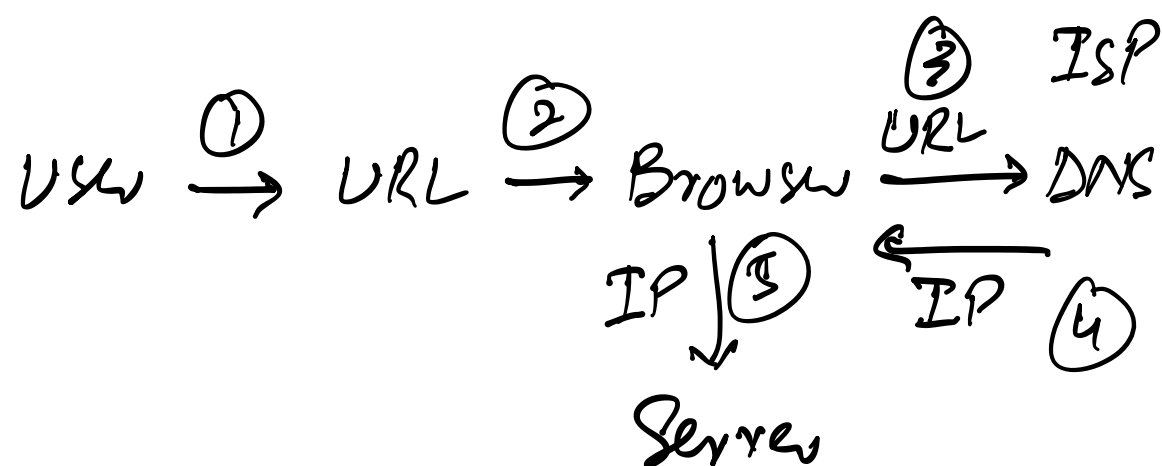


Domain Name Server (DNS):

- It is a phonebook (database) of the Internet.
- We access information online using domain names like zakonweb.com.
- DNS translates domain names to IP addresses so that browsers can load Internet resources.

How DNS works:



- User types in the URL
- Browser takes that URL to DNS installed at ISP.
- DNS returns the IP address associated to given URL.
- Browser then follows the IP address and reaches to the Server for resources utilisation.

Uniform Resource Locator (URL):

A URL is the address that is used in the web browser to request a resource (web page) from the world wide web (www).

E.g: `http://www.zakonweb.com/index.html`

This address (URL) can be broken down into 3 main parts:

(Access) Protocol: `http://`

Domain Name (web server): `www.zakonweb.com`

File name (Resource): `/index.html`