INTRODUTION TO WEB DEVELOPMENT

How does the web work ?

- Clients and servers :

Clients : the typical web user's internet-connected devices.
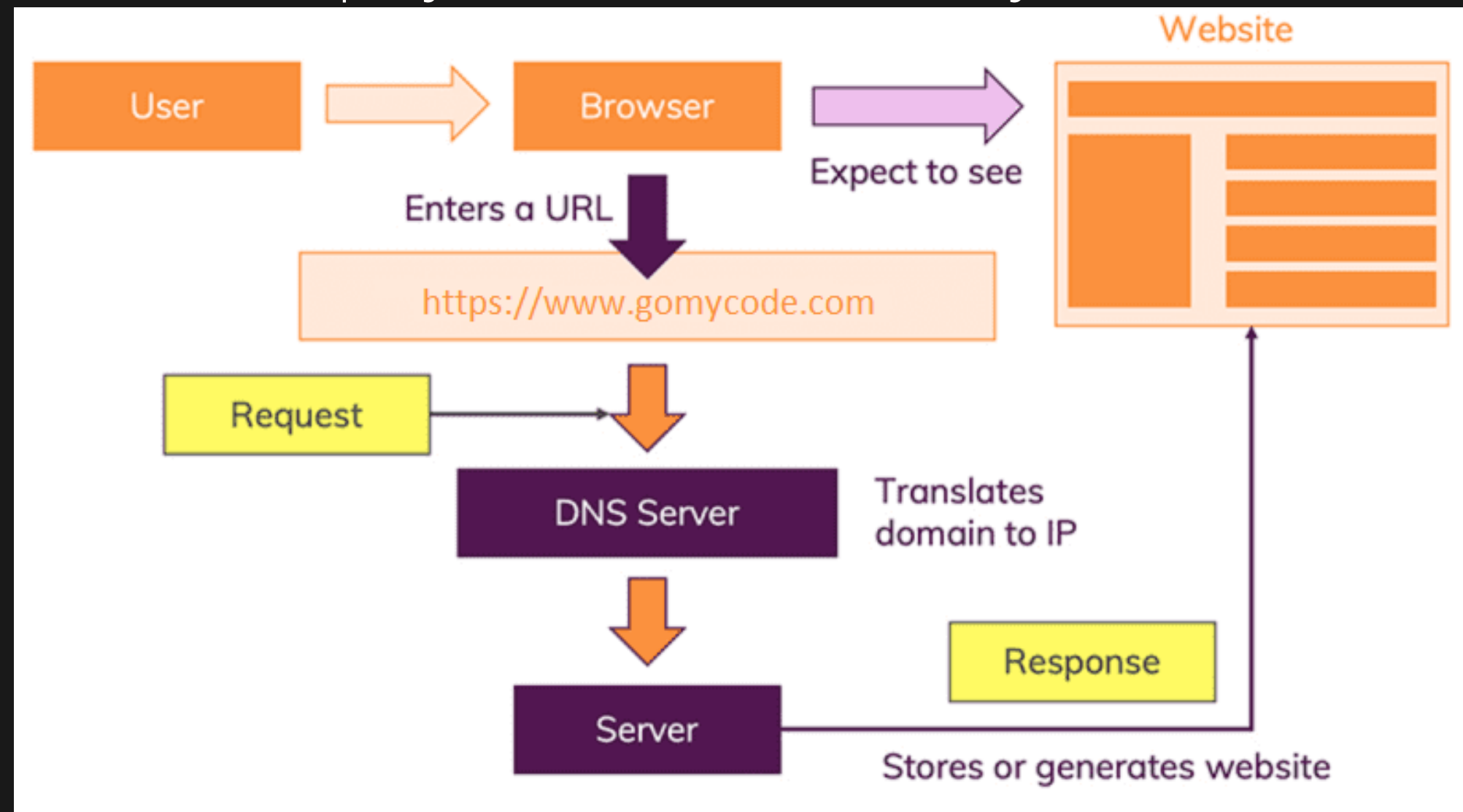Servers : computers that store webpages, sites, or apps.

In addition to the client and the server, we also need to mension :

- TCP/IP : Transmission Control Protocol and Internet Protocol
- DNS : Domain Name Server
- HTTP : Hypertext Transfer Protocol

Let's start with the most obvious way of using the internet: You visit a website like gomycode.com

The moment you enter this address in your browser and you hit ENTER, a lot of different things happen:

1. The URL gets resolved
2. A Request is sent to the server of the website
3. The response of the server is parsed
4. The page is rendered and displayed a little bit of body text

What do you need to be a developer ?

- To become a Web Developer, you should have an understanding of HTML, CSS, and JavaScript. It's also recommended to learn about CSS and CSS frameworks. Developing these fundamental web development skills will give you the foundation and logic for communicating with programming languages.

What is the role of a web developer ?

- Web developers are responsible for programming the code that 'tells' a website how to function. They build websites that are 'user friendly', which means they are easy to navigate for those using them. They also build functions within a website
- Web developers are familiar with technology and understand how computers and web servers operate. They are also very familiar with many software programs, web applications and web programming languages