LAB 8
HOSTING

What Is Web Hosting?

Web hosting is an online service that enables you to publish your website or web application on the internet. When you sign up for a web hosting service, you basically rent some space on a physical server where you can store all the files and data necessary for your website to work properly.

How Does Web Hosting

Work?

The **server** that hosts your website is a physical computer that runs continuously to make the site available for visitors all the time. **Buying servers for web hosting** will allow you to store all the data of your website in the those servers of your **provider**.

Once a user enters your domain name into their browser's address bar, the web host's server will transfer all the files necessary to load your website. **You can host a website** yourself, but it requires extensive technical skills. Self-hosting entails setting up and configuring a web server from scratch,

including the equipment, infrastructure, hardware, and software. Furthermore, you will also have to handle all the ongoing maintenance. A web hosting service provider ensures that your website performs optimally and with better security protocols. In addition, it simplifies the many complex aspects of hosting a website – from software installation to technical support.

Types of Web Hosting Services

With numerous web hosting options available, it can be challenging to **determine which one is best** for your website.

Most web hosts offer different hosting packages for different types of customers – from business website owners to personal blog creators. Ideally, you should start with the simplest hosting solution. Once your site gets more traffic, you can upgrade to a more advanced plan. Feel free to check **Hostinger's hosting prices** to get a general idea of the different types of hosting and their costs.

Let's take a look at some of the most popular ones available.