

WEB DESIGN-1-

Dr. kamaran Faraj

<i>

<u>

<s>

<tt>

<code>

<samp>

<cite>

<HEAD>

<TITLE>

<BODY>

<H1>, <H2>, </H6>,

</H2>, ...

<A ...>

<P>

**
(none; "empty"
tag)**

<a>

Href

Leftmargin and Topmargin

- **Leftmargin** : it is used to leave some blank area on the left side of the document. The value is specified in pixels.
- **Topmargin** : it is used to leave some blank area at the top edge of the document window. The value is specified in pixels.
- For example :

`<body leftmargin = "60" topmargin = "70">`

1. HTML stands for _____.

- Hyper Text Markup Language.

2. What is container tag ?

- Tags that require opening tag as well as closing tag are known as container tag.
- Eg. `<html>...</html>`

3. The type of tag that requires only a starting tag but not an ending tag is called _____.

- Empty tag

4. State true or false

- Tags are case sensitive.
- FALSE
- Bgcolor is an attribute of `<BODY>` tag.
- TRUE
- `<TITLE>` tag is an empty tag.
- FALSE
- Dir is an attribute of `<HEAD>` tag.
- FALSE

5. Name the attributes of `<HTML>` tag.

- Dir, Lang
- Eg. `<html Dir="ltr" Lang="en">...</html>`

6. What is the use of attributes in a tag?

- To provide additional information such as colour, measurement, location, alignment or other appearances to the web browser.

7. List the different attributes of `<BODY>` tag.

- Bgcolor, background, text, topmargin, leftmargin, link, vlink, alink

aslo alhi

Name some of the text formatting tags.

- `...`
- `<I>...</I>`
- `<U>...</U>`
- `<STRIKE>...</STRIKE>`
- `<BIG>...</BIG>`
- `<SMALL>...</SMALL>`
- `...`
- `...`
- `_{...}`
- `^{...}`
- `<BLOCKQUOTE>...</BLOCKQUOTE>`

List the different attributes of `<HR>` tag.

- **SIZE, WIDTH, ALIGN, COLOR, NOSHADE**

How many levels of heading tags are available in HTML?

- **Six levels**
- `<H1>..</H1>`
- `<H2>..</H2>`
- `<H3>..</H3>`
- `<H4>..</H4>`
- `<H5>..</H5>`
- `<H6>..</H6>`



In HTML, there are mainly two sections. Can you name them?

- **Head section and Body section**

The default colour of the attribute ALINK is ____

- **GREEN**

The default colour of the attribute VLINK is ____

- **PURPLE**

Name the tag which has NOSHADE attribute.

- `<HR>` tag

Write an HTML code segment to display $X^4 + Y^4$.

– **`X ³ + Y ³`**

State True or False.

– `
` tag is an empty tag –

– **TRUE**

– `` and `<I>` tags have same usage in HTML document.

– **TRUE**

– `<U>` and `<I>` tags are not allowed to be used together. –

– **FALSE.**

What is the use of `` tag?

– **it sets the text style Bold. It is the same as that of ``**

Pick the odd one out from the following

– HTML, ALIGN, HEAD, CENTER

– **ALIGN**

Which are the attributes that provides horizontal and vertical spaces between two images?

– **HSPACE, VSPACE**

To insert images in an HTML document _____ is used.

– **`` TAG**

_____ is the main attribute of `` tag.

– **SRC**

What is the use of ALT attribute of `` tag?

– **To specify an alternate text for an image**

Name the attributes that are used to display an image in a particular size.

– **WIDTH, HEIGHT**

soo alin

Link, alink and vlink

- A hyperlink is an element, a text or an image that we can click on, and jump into another document or another section of the same document.
- A hyperlink points to a whole document or to a specific element within a document.
- link, alink and vlink are attributes of body tag

- **Link** : it specifies the **colour of the hyperlinks that are not visited** by the viewer. The default colour is **blue**.
- **Alink** : it specifies the **colour of the active hyperlink**. The link remains active only for the moment the mouse is clicked on it. The default colour is **green**.
- **Vlink** : it specifies the **colour of the hyperlink which is already visited** by the viewer. The default colour is **purple**.

Web hosting

What is Web Hosting?

- Web hosting is a service that allows organizations and people to publish on the Internet a website or internet page. On special computers called servers, websites are hosted or stored.
- Many providers of web hosting services include FrontPage[®] extensions to create your website in FrontPage[®] and File Transfer Protocol (FTP) to help you to quickly upload the web hosting files from your desktop.

Types of web hosting

- There are several types of web hosting

Web hosting free

- ✓ 1. Infinityfree
- ✓ 2. GitHub Pages
- ✓ 3. Netlify
- ✓ 4. Vercel
- ✓ 5. 000WebHost
- ✓ 6. Google Firebase Hosting

~~GA~~
Netlify free
Infinity free
000 web host
Vercel

1. Free Web Hosting

- It is possible to have free web hosting through certain companies.
- To catch to this is that often you must have a banner advertisement running across your home page (or even the every pages in your site).
- Some companies may let you use your domain, but, others may require you to add their name to your domain-name to access your site

- Free web hosting is best suited for small sites with low traffic, like personal sites. It is not recommended for high traffic or for real business. Technical support is often limited, and technical options are few.
- You don't mind ads on your site .
- Your site never grow.
- You don't expect “customer support”

Good:

It's free.

Good for family, hobby or personal sites.

Free email is often an option.

Bad:

No domain names.

Few, limited, or no software options.

Limited security options.

Limited or no database support.

Limited technical support.

Email address

bahast.313175041@uhd.edu.iq

Password

Confirm Password

☒ I've read and agree to the [terms of service](#).



I'm not a robot



reCAPTCHA
[Privacy](#) · [Terms](#)

Create new account



InfinityFree

Verify Your Email Address

A verification link has been sent to:

bahast.313175041@uhd.edu.iq

Please click the button in the message to confirm your email address.

Change Email

Resend Email

InfinityFree

Hello!

Please click the button below to verify your email address.

Verify Email Address

If you did not create an account, no further action is required.

Regards,
InfinityFree

If you're having trouble clicking the "Verify Email Address" button, copy and paste the URL below into your web browser: <https://www.infinityfree.net/verify/313175041/bahast.313175041@uhd.edu.iq>

<https://www.freewebhostingarea.com/>

 <https://www.freewebhostingarea.com>

HOME

MEMBERS AREA

FORUM

NEWS

FAQ

TERMS OF USE

CONTACT US

Welcome to **Free Web Hosting Area!!** You can always reach us at <https://www.freewebhostingarea.com> or short address <https://freewha.com>.

Leave A Message 

We offer free hosting since 2005 without interruption, so you have the guarantee that your account won't disappear overnight.

FreeWHA is maintained by volunteers and **upgrading your account** to get more features or to simply say "**thank you**" will be greatly appreciated. This way you help us to offer so many **free hosting features** with **great uptime** and **very fast servers**.

Buying your domain from our domain registration site <https://www.protonhosting.com> will be as well a real help. We have good prices for almost all domains and regularly we run promos when you can register your domain for just few dollars.

Free SubDomain Hosting

www.

.

▼

PROCEED 

i.e. yourname

Free Domain Hosting (for already registered domains)

NEW - Starting with 13.08.2018, **ALL domain extensions** are accepted, including the new, long TLDs

If you don't have your own domain, register one **here** then create your **free hosting account** using the form below.

Welcome to FreeWebHostingArea.com!

Dear user, your account **sara.6te.net** was successfully activated on **maximus.freewha.com** server.

Your address is <http://sara.6te.net> and you can visit/update your site right now.

Add an index page (examples: index.html or index.php) and put your files directly on root. No public_html folder required.

Be sure that your account has minimum 1hit per month. Inactive accounts are deleted at the end of month.

Account Manager:

You're hosted on maximus.freewha.com server. Account Manager is located at <http://sara.6te.net/cpanel>.



Username: sara.6te.net

Password: 87654321

If you have accounts created on more than one server, see <http://www.freewebhostingarea.com/members/>.

Some scripts require **server path**. Yours is **/home/vhosts/sara.6te.net**.

Your Personal FTP Information:

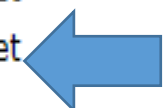
FTP Server/Host:



sara.6te.net

FTP Login/Username:

sara.6te.net



FTP PassWord:

87654321

To upload your files go to our **Web based FTP client** (recommended) located at <http://sara.6te.net/ftp/>.



Once logged in, you will be able to create a **new dir**, **new file**, to **upload a zip archive** and have it **unzipped** automatically, to **edit** your files, to select files and download them as .zip, to **copy**, **move**, **delete**, **rename**, **chmod** (change permissions), **search** anything under your account, ability to see and edit dot files like **.htaccess**. With a normal ftp program you will not be able to do this.

For a complete list of features see <http://sara.6te.net/ftp/help.html>.

Welcome to FreeWebHostingArea.com!

Dear user, your account **goezha.6te.net** was successfully activated on **maximus.freewha.com** server.

Your address is <http://goezha.6te.net> and you can visit/update your site right now.

Add an index page (examples: index.html or index.php) and put your files directly on root. No public_html folder required.

Be sure that your account has minimum 1hit per month. Inactive accounts are deleted at the end of month.

Account Manager:

You're hosted on maximus.freewha.com server. Account Manager is located at <http://goezha.6te.net/cpanel>.

Username: goezha.6te.net

Password: 12345678

If you have accounts created on more than one server, see <http://www.freewebhostingarea.com/members/>.

Some scripts require **server path**. Yours is **/home/vhosts/goezha.6te.net**.

Your Personal FTP Information:

FTP Server/Host:

goezha.6te.net

FTP Login/Username:

goezha.6te.net

FTP PassWord:

12345678

To upload your files go to our **Web based FTP client** (recommended), located at <http://goezha.6te.net/ftp/>.

Once logged in, you will be able to create a **new dir**, **new file**, to **upload a zip archive** and have it **unzipped** automatically, to **edit** your files, to select files and download them as .zip, to **copy**, **move**, **delete**, **rename**, **chmod** (change permissions), **search** anything under your account, ability to see and edit dot files like **.htaccess**. With a normal ftp program you will not be able to do this.

For a complete list of features see <http://goezha.6te.net/ftp/help.html>.



← → ↻ 🔒 https://www.freewebhostingarea.com/members/

Username: goezha.6te.net

Go to Control Panel

Recover Your Password

Go to PhpMyAdmin

Get FTP Host

Go to Web-FTP

Our **nameservers** (for domain owners only): ns1.freewha.com and ns2.freewha.com

You may also use IP **173.208.215.108** as **A record** (required by cloudflare for example), but IP may be changed from time to time and you must update th

Member Area

NEWS [17 Oct 2018] Multi-PHP system is ready. You may choose between PHP 5.4, 5.6, 7.1, 7.2 or the latest 7.3.
For latest news, follow us on [TWITTER](#).



Update your email address.

[Account Data](#)



Change account (ftp) password.

[Change Passwd](#)



Upload, edit or backup your files. Zip support.

[File Manager](#)



Create your website with just one click.

[Site Builder](#)



1 Click Autoinstaller for phpBB3, Joomla, etc.

[Create DB](#)



Create your MySQL Databases.

[Create DB](#)



Choose PHP version, PHP5 or PHP7.

[Activate PHP](#)



Advanced traffic counter.

[Free Counter](#)



Delete all databases and files under account.

[Reset Account](#)



If you need help just contact us.

[Contact Us](#)



Fix ownership for all your files.

[Fix Ownership](#)



Remove ads and enable premium features.

[Upgrade](#)

Member Area

[Log Out](#)

Account Name: kkkk.6te.net
Account UID: 1355971
Account Created: 2018-11-01
Account Expires: never
Path: /home/vhosts/kkkk.6te.net

FTP server (host): kkkk.6te.net
FTP username: kkkk.6te.net
FTP password: equal with account password
Web-FTP: <http://kkkk.6te.net/ftp/>

PhpMyAdmin: <http://kkkk.6te.net/pma/>

FREE HOSTING plan

Database Size: N/A
Web Space: 1.50 GB
Used: 0.00 B
Available: 1.50 GB

0.00% of 1.50 GB

Daily Traffic Used: 0.00 B
Monthly Traffic Used: 0.00 B

0.00% of 999.99 TB
Traffic usage

net2ftp a web based FTP client

Login

Connect to your FTP server and start editing your website now.

Basic login

FTP server

Example: ftp.server.com, 192.123.45.67

Username

Password

Login

Features

Navigate the FTP server

Upload and download files

Edit files (WYSIWYG and syntax highlighting)

View code with syntax highlighting

Copy, move, delete (also to 2nd FTP server)

Rename and chmod (also recursive)

2.Shared (virtual) server

- This type of hosting is common and can be a low cost option.
- With shared hosting you pay a month fee and get share on one server.
- The problem with this is that you are site amongst many and your server could be unreliable.
- Cost not very expensive.

- It is most commonly used type by the small businesses.
- It is easy to use , manageable and affordable

If compared to free web site hosting service:

You can have your own domain-name.

And the bad side of it, is there are multiple of Users are sharing in one server, and might be cause of traffic.

- Shared hosting is very cost effective.
- With shared hosting, your web site gets its own domain name, and is hosted on a powerful server along with maybe 100 other web sites.
- Shared solutions often offer multiple software solutions like e-mail, database, and different editing options. Technical support tends to be good.

Good:

Low cost. Cost is shared with others.

Good for small business and average traffic.

Multiple software options.

Own domain name.

Good support

Bad:

Reduced security due to many sites on one server.

Restrictions on traffic volume.

Restricted database support.

Restricted software support.

3.Deticated Web Hosting service

- The service is usually use by big businesses and those who need large storage capacity.

There are two different types of Dedicated:



A) Unmanaged dedicated
OR
Self-Managed

- With this option you get a whole server dedicated to your site. And normally use for commerce type website or people start their own hosting company.
- It is much more reliable but more expensive than others.



4. Co-location

- With this option you bring your own server into the equation purchase the server (either from a supplier like Dell or from the hosting company itself) get all server dedicated to your site.

after physical space to client to install its own server hw and SW and maintain by it self.

3

5 Cloud hosting

- is a flexible form of web hosting and a relatively new concept. The main attraction is that it scales up and down to meet your needs. Like buying electricity, you only pay for what you use

6 Reseller Hosting

allows individuals or businesses to purchase hosting services in bulk from larger web hosting providers and then resell those services to their own clients.

- **Shared hosting** means that a client's web site is hosted on a server that **simultaneously** hosts other web sites and is operated by an ISP through its location.
- In **Dedicated hosting** a web server is arranged by the ISP for a client but that client does not share it with other clients of the ISP. In both cases **ISP owns the hardware but leases it to the client** and is **responsible for its maintenance**.
- In **Co-location hosting**, the ISP offers on **rent a physical space to client to install its own server hardware and software** and maintain it by itself.
- Companies may opt to run a server in house which is called **self hosting**.

Why websites becomes very popular

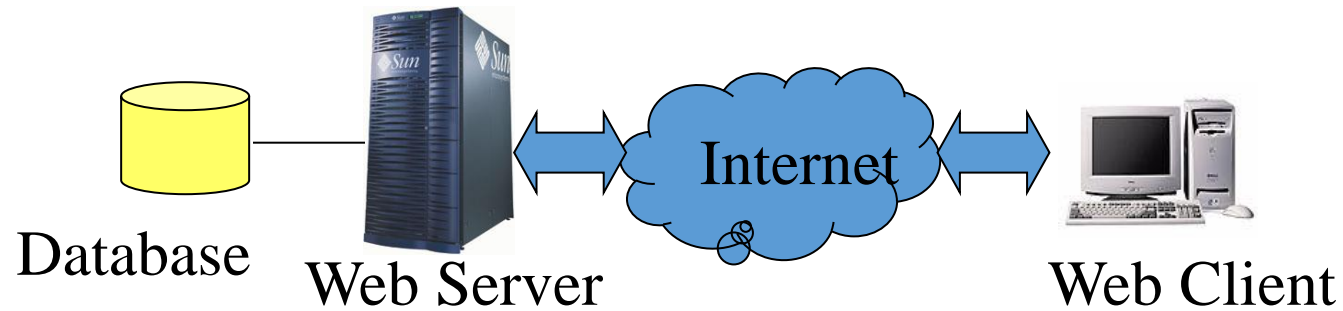
OR

What is the popularity of websites



- 1) Time efficiency
- 2) Space efficiency
- 3) superior working





Server-side Programming

Skills that are often required:

- CGI
- PHP
- ASP
- Perl
- Java Servlet
- Java, ...
- Node.js

Client-side Programming

Skills that are often required:

- XHTML
- JavaScript
- Dreamweaver
- Flash
- SMIL, XML ...

Publishing

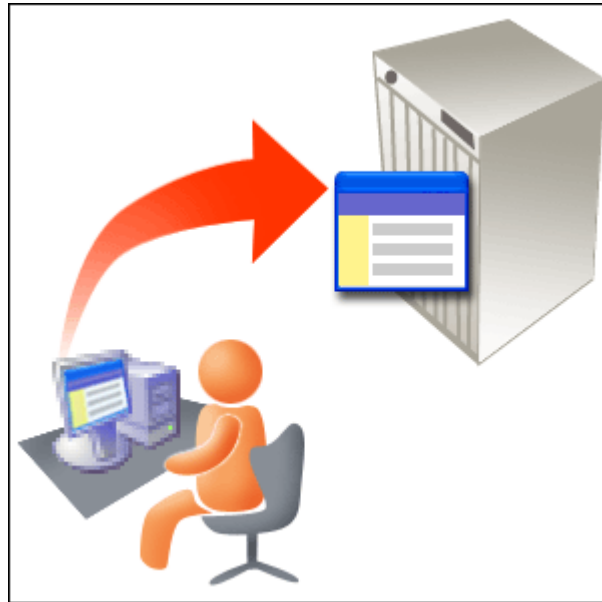
You create your web site on your hard drive, but you will place or publish your files on a web server so they will be accessible via the web. This means that you will have to arrange with a company that has a web server to accept or host your site.

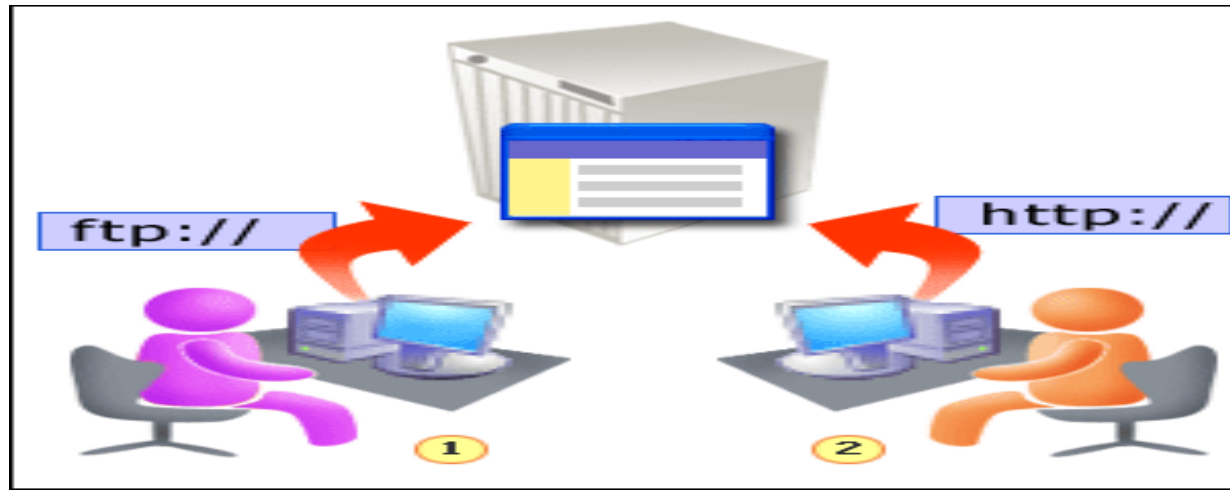
Publish Your Pages

- To publish your web site, you move the files (pages and graphics files) to the server you are using. Once your files are on the server, they are "on the net" and are available to others.
- You will need special software to publish your files. Companies that host your web page will provide this software, and they provide instructions how to move the files to your site.

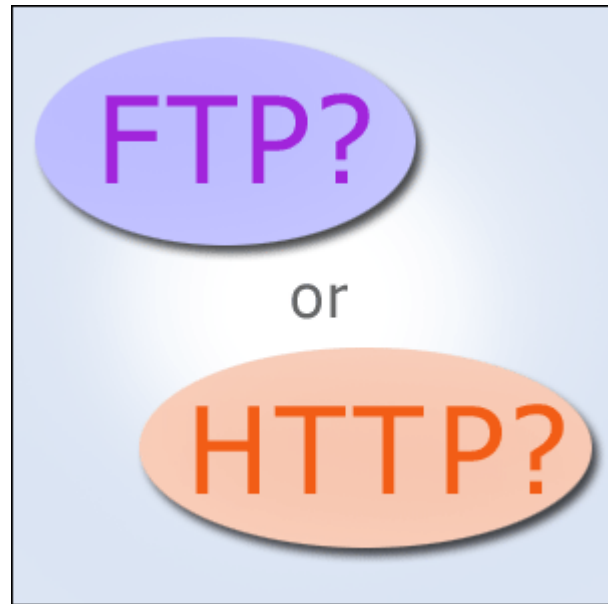
Publishing a site generally means

- Copy all of the files to web server. There are couple of ways to do this. As we know that one of the way is FTP.
- FTP: allows you to publish files to remote web server



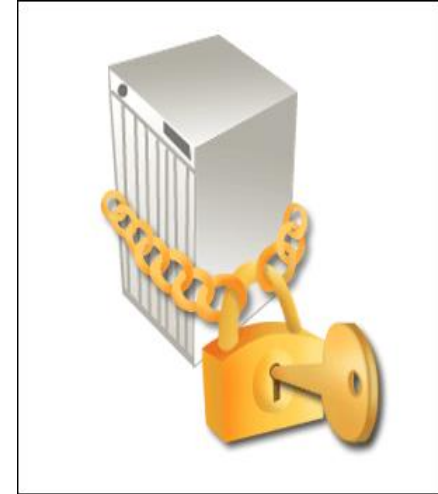


- 1) This designer is publishing a Web site through the "back door" using FTP.
- 2) After the publishing process is complete, the site is available to the public. People visiting your site use the "front door" via a Web browser.
- 3) With this in mind, think of the FTP address as the "back door" that you deliver your Web pages to, and the HTTP address as the "front door" that people use to see your pages



Get Your User-name & Password

Most hosting companies have numerous customers using their Web servers. In fact, some probably host hundreds if not thousands of Web sites.



- ▣ hosting companies keep their web services secure by restricting access to their servers (user name and password).
- ▣ Before publishing, make sure you have your user name and password on hand. Also note that user names and passwords are usually case sensitive.

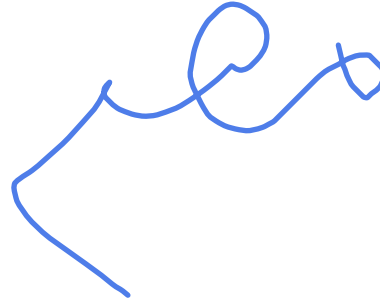
HTML - What is image mapping in HTML?

Making one image link to several pages is called as **image mapping**.

For example, if you have a map of Kurdistan , then clicking on a state can take to to another page and likewise for other states.

Web Site Creation

- ✓ • Using Template
- ✓ • Using Wizards
- ✓ • From the Basics



Planning your site online

In order to be able to upload a web Page to the Internet, it's necessary to hire a web hosting company to make your web site available to others on the internet 24 hours a day.

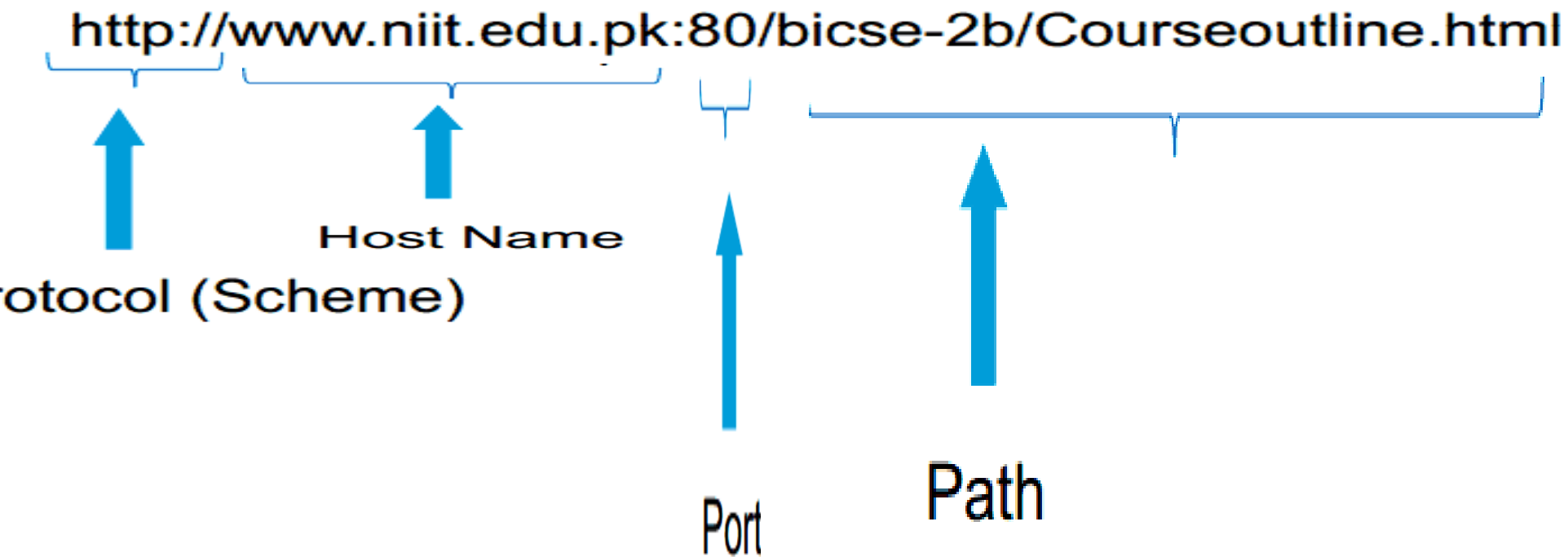
The price to have your own space on their servers will depend on the company, the space on disk you need,

For these reasons, it is not recommended to use a free hosting for a bussiness Page, although it is acceptable for a personal one.

- There are companies that offer this service for free, but with certain limitations: just a few disk space, slowness and a name for our Page preceded by their own etc...
- It's also necessary to consider that these companies must generate income in some way it is the reason why they are dedicated to sell advertising spaces within your Pages, ads that we'll not be able to avoid including in our web Pages.

- When we are going to hire a web hosting service it is necessary to also contract a **domain**, a task which usually is in charge of the hosting company. To register a domain consists of registering a name for our Page. **This name cannot be repeated in Internet,** has to be unique, as happens with the names of the companies. It's possible to register the same name with different extensions, like for example, .net, .org, .biz or .com.

Universal Resource Location (URL)



The World Wide Web

- What is the World Wide Web (WWW)?

A worldwide collection of electronic documents

Also called the **Web**

Each electronic document is called a Web page

Can contain text, graphics, audio, video, and built-in connections

A **Web site** is a collection of related Web pages

WWW
Web site

```
<a name="conclusion">Conclusion</a>
```

Conclusion

```
<a href="#conclusion">View the Conclusion</a>
```

[View the Conclusion](#)

What is a browser?

- Application that translates web code into rendered web pages.
 - ▣ Firefox
 - ▣ Chrome
 - ▣ Internet Explorer
 - ▣ Safari
 - ▣ Opera
 - ▣ Lynx
 - ▣ Thousands of others (<http://www.user-agents.org>)

The World Wide Web

▣ What is a **Web browser**?

➤ **Program that allows you to view Web pages**

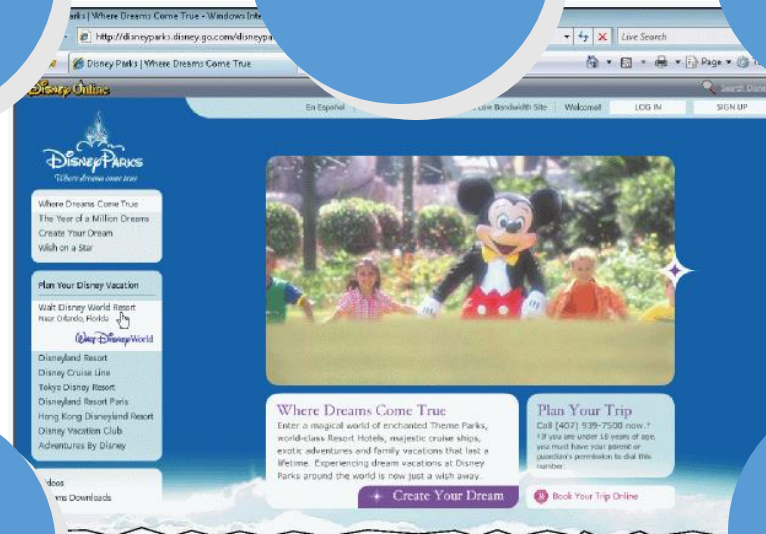
Microsoft
Internet
Explorer

Firefox

Netscape

Opera

Safari



Nesting Lists

```
<ul>
```

```
<li>Bring in the mail</li>
```

```
<li>Take out the trash</li>
```

```
<li>Feed the dogs</li>
```

```
<li>Stop the newspaper delivery</li>
```

```
</ul>
```

```
<ol>
```

```
<li>Thursday: Do Algebra homework</li>
```

```
<li>Friday: Housesit for neighbors:
```

```
<ul><li>Bring in the mail</li>
```

```
<li>Take out the trash</li>
```

```
<li>Feed the dogs</li>
```

```
<li>Stop the newspaper  
delivery</li></ul></li>
```

```
<li>Saturday: Wash car</li>
```

```
</ol>
```

Using Relative and Absolute Paths

Paths that contain a complete address that anyone can use to get to that page are called

absolute paths. **Absolute paths** are very reliable, but they are also long and difficult to type. For example:

```
<a href="http://www.contoso.com/gardener/images/foilage.htm">Diagnosing Foliage Problems</a>
```

```
<a href="foliage.htm">Diagnosing Foliage  
Problems</a>
```

This is called a **relative path**, because the destination file is relative to the current file's

location. **Relative paths** make it easier to develop and test your Web site in a different file location than the one where it will eventually be stored

relative path

```
<a href="linkhere.html">Click Me</a>
```

linkhere.html would be the page you want to link to, and Click Me would be the blue, underlined link that the page displays. In the example above, we used a relative path

let's talk about absolute paths

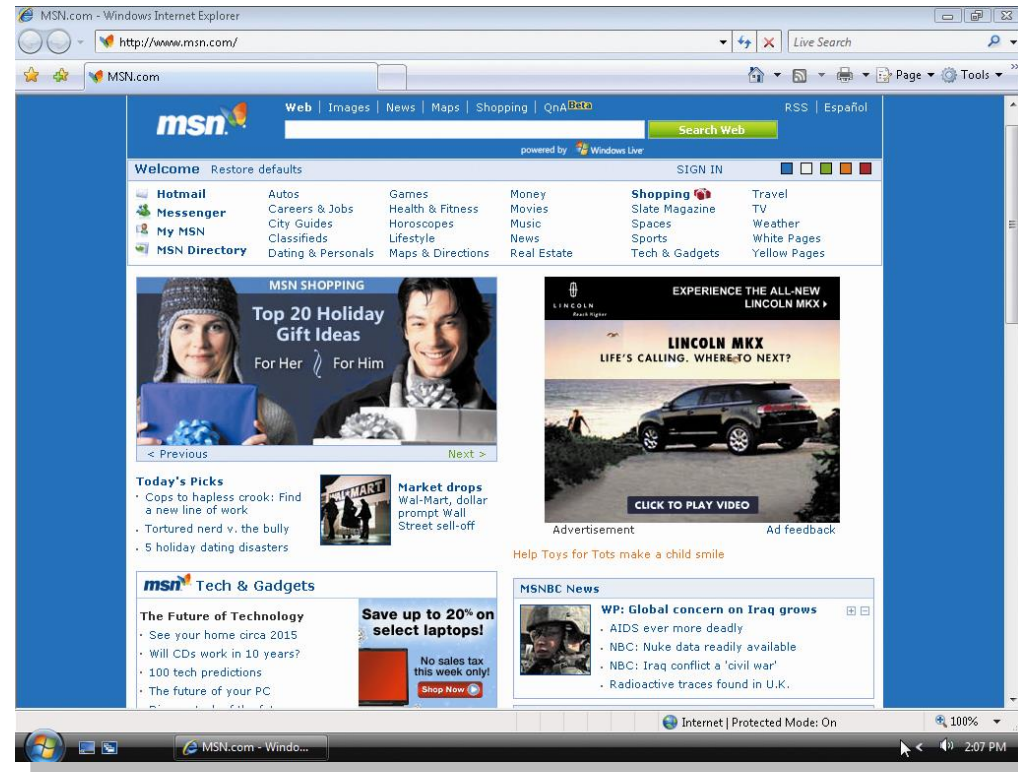
- Like we mentioned earlier, absolute paths provide the complete website address where you want the user to go. An absolute link would look like this:

```
<a href="http://www.coffeecup.com">Click here to visit CoffeeCup  
Software.</a>
```

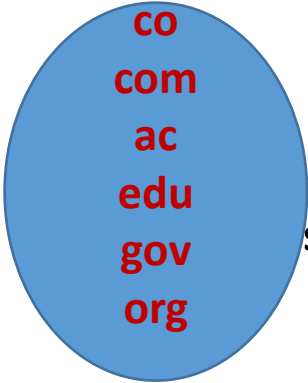
The World Wide Web

▣ What is a **home page**?

- The first page that a **Web site** displays
- Often provides connections to other Web pages



Domain name

www.gtslearning.  is the domain name of the server.

.co identifies the website as a commercial organisation. It is convention that commercial sites use **co or com**

ac or edu (for academic or education)

gov and org use for governmental or non-profit organisations .

.co.uk indicates that the site belongs to a commercial organisation registered in the UK



KHAO PIYO RESTAURANT

Collect formation for

- **Menus**
- **Reservation**
- **Catering**
- **Tours**

Menus Available are

1	INDIAN
2	ITALIAN
3	CONTINENTAL
4	THAI



For further enquiries and reservations **Contact Us.**

Note the following points while generating the Webpage:

- Link colour is green, active link colour is blue and visited link colour is red.
- Title of the page is "eat healthy live healthy"
- Heading of the page is maroon
- Image used is "Restaurant.jpg"
- Caption of table is blue
- Table border is blue and of size 2.
- The 4 links are one.html, two.html, three.html and four.html
- The email id for contact us is abc@xyz.com

19
الموقع الإلكتروني
الأحد 1/12/19