Maintenance/Developing of a Website

BY

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A website is a collection of interlinked Web pages written in HTML language that share a single domain name.

Websites can be created and maintained by an individual, group, business or organization to serve a variety of purposes.
Balancing the Socio Economic fabric
Requirements to host a website:

1. Domain name registration
2. Purchase of web hosting space
3. A Prepared website
Domain Name Registration:

A domain name is a website name. A domain name is the address where users can access a website through online. A domain name is used for finding and identifying computers on the Internet.

Every domain name is unique. That means, no two websites can have the same domain name.

https://mhrd.gov.in
https://www.britishcouncil.in
https://www.hotstar.com
How to Get a Domain Name?

If you want to put a site online, you must purchase a domain name from domain registrar like in.godaddy.com, bigrock.in, registry.in, etc., They will charge certain amount for registration based on domain name extension. You can register your domain name for one year or more.

There are many types of domain extensions you can choose for your domain name based on the nature of the site. For example, if you are going to register a domain name for an educational site then you can choose .edu extension.
.com – Stands for commercial, but it can be used for any website.

.net – Stands for network and is usually used for a network of sites.

.org – Stands for organization and is usually used for non-profitable sites.

.edu – Indicates an educational site.

.au, .in – Country specific domain extensions

.biz – It can be used to indicate the site which is purely related to business.

.info – Stands for information.

.tv – Stands for Television and are more appropriate for TV channel sites.
Purchase of web hosting space (web space)

Web hosting is the process to put the contents of the website on a Web server. We can host the website on own server or buying a server space from an Internet Service Provider (ISP).

It is better to go for purchasing a server space than hosting on own server as later is much more expensive. The ISP providers charge certain amount based on storage capacity in terms of GB. Some of the ISP providers in India are

1. HostGator.in
2. BigRock.in
3. BlueHost
4. ZNetLive
5. FastWebHost.in
Required Web Skills for Developers
(Preparation/Maintenance of Website)

1. HTML
2. Java or VB Script
3. CSS
4. PHP
5. ASP or JSP
6. BootStrap
7. AngularJS/AJAX/JSON
8. Photoshop
9. Coreldraw
10. After Effects
11. Micromedia Flash
12. SQL Server
13. MySQL
Required Web tools
(Preparation/Maintenance of Website)

1. **Computer System**
2. **Internet Connection** - High Speed Connectivity
3. **A Web Server** - (Wamp/XAMPP etc.,)
4. **Text Editor** – (IDE – DreamWeaver, NetBeans etc.,)
5. **Web Browser** – (IE, Chrome, Opera, Firefox, Safari etc.,)
How to host the site on Internet

The ISPs will give cpanel login credentials, after purchasing the space from them.

After login to cpanel, you observe many options. Locate “file manager” option and click on it.

Locate “public_html” and click on it. Here, you can upload all files of your website. Refresh once and check on Internet. You are able to view your site on net. Remember that your home page must be either index.html / index.php etc.,
Here is a clip1 .....  

(Hosting process)
Basic HTML Tags

Heading Tags

<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
<h7>This is heading 7
Basic HTML Tags

Paragraph Tag
<p>This is a paragraph.</p>

Anchor Tag (Links)
<a href="https://www.learningunlimited.in">This is a link</a>

Image Tag
<img src="downloads/1.jpg" width="104" height="142">

Marquee Tag
<marquee direction = "up">The direction of text will be from bottom to top.</marquee>
Preparing a quiz through google form

Here is a clip2 .....
Sending the quiz form through email

Here is a clip3 .....
Placing a quiz form as a Hyperlink

Here is a clip4 .....
Placing a quiz form on webpage through embedding

Here is a clip5 .....
Placing a quiz form on required web page

Here is a clip6 .....
Placing a youtube video link as hyperlink

Here is a clip7 .....
Placing a youtube video link through embedding

Here is a clip8 .....
Placing a link for pdf document

Here is a clip9 ..... 

Thank you