

Good Afternoon :))

Do WE Know each other ??

WPT = Web Programming Technologies

Web Application --- Http Application

**Web Application consists of Web Server -----Web Client**

Server --- a program that runs continuously

Listening to client request

It intercepts the request , process request , generates response  
waits again !!

Protocol - set of rules = HTTP

1. Stateless

2. Http Request FORMAT

**Http request HEADER**

Http Method url httpversion

User-agent: browser info

Accept: MIME type

Content-Type : MIME type

Cookies :

**Http Request Body**

Uname=xxx

Pwd:yyy

3. Http Response FORMAT

**Http Response Header**

Http version utl http-status

Content-type : MIME TYPE

Content-length :

Date:

Cookies :

**Http Response Body**

**The file or html that is requested**

Web Server --- Server that understands HTTP Request

And it can produce HTTP Response

**---HTTP SERVER**

Example - Tomcat ( JAVA Web Server )

- Express Web Server

- React Development Server

Client--- a program that runs ( not necessary to run continuously)

Create a Request and send it to the SERVER

Receive the response from the SERVER and process the Response

Web Client Http Client = Browser = POSTMAN

This program understands HTTP RESPONSE and it can generate HTTP Request

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HTML

CSS

JAVASCRIPT  
JQUERY  
AJAX  
REACT  
NODE  
EXPRESS

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Editor = Visual Studio Code

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HTML = "TEXT"

Tags -

Predefined Tags - in the DOCTYPE or xmlns - HTML 5  
Every browser can process HTML - it acts as HTML interpreter  
All tags may not work on all browsers !!!

Attributes of the Tags -

DOM structure -

HW ---

Write a Resume

First div -----

Name : F M L

DOB :

Qualification : Underline the qualification

Apply For : Make it bold and underline

Second Div

Add a table with heading year of passing description percentage

Third Div

Add 3 <p> tags one each for email address , postal address, mobile number

Fourth Div

Salary Expected

Rupee symbol value      TAB      Euro symbol value      TAB      yen symbol value

Fifth Div

Show the photo

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Enumeration ---- to list out things

<table>

<ul> = unordered list

<ol> = ordered list ( numbers )

<table border="1" > = Opening Tag

<tr> ...</tr>    }

<tr>...</tr>    } Body of Table TAG

</table> = Closing Tag

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Tags without body are called as **EMPTY TAGS** <br />

Border is called as **Tag Attribute** , value of tag attribute is always TEXT !!!

Tag Attribute is a KEY-VALUE pair ALWAYS written within the OPENING TAG

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Input Tags -----

Show a Registration Form

Name : \_\_\_\_\_

DOB :

Favorite Color :

Drop Down : Cities

Show Checkboxes Interests --- Reading Travelling Painting .....

Show Radio Buttons Gender

Show a Text Area ---- Describe yourself

Show a button to SAVE

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