**********Lecture two ***********

Q1.how many part of a web applications?

Ans: there are mainly three part of a web application

   *Frontend

   *backend

   *database

Q2. What is html?

Ans : html is tag base markup language its work for create a web page or web site structure

Q3. What is the abbreviation   of HTML?

Ans : hypertext markup language

Q4. What is tag?

Ans: tag is syntax. Its work for showing anything in browser.

Q5: what is the tag syntax?

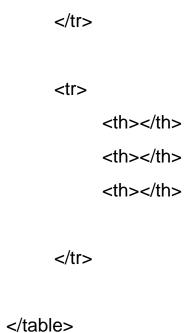Ans: tag syntax start with < sign and tag name and end with > sign

 This is a example is tag syntax : <pre></pre>

Q6. What is markup language?

Ans: includes all tag that's call markup language. Using all tag make markup language .

Q7. write down simple html structure ?

<!DOCTYPE html>

   <html>

   <head>

      <title></title>

```
        <head>
        <body>
        </body>
</html>
```

Q8.Which element we are using for support all language in our web page ?

 Ans : <meta charset="UTF-8"/>

Q9. How to write paragraph tag ?

Ans : <p></p>

Q10.how to write image tag ?

Ans:

Q11. Write down a simple table with 3 row 3 colom

Ans :

```
<table>
        <tr>
                <th></th>
                <th></th>
                <th></th>

        </tr>
        <tr>
                <th></th>
                <th></th>
                <th></th>
```

```
        </tr>


        <tr>

              <th></th>

              <th></th>

              <th></th>


        </tr>


</table>
```

Q12. How can you open a link in a new browser window?

Ans: `<a href="url" target="_blank">`

Q13. Which browsers support HTML5?

Ans:

The latest versions of Google Chrome, Apple Safari, Mozilla Firefox, and Opera all support most of the HTML5 features.

Q14. How do you insert a copyright symbol on a browser page?

ANS: To insert the copyright symbol, you need to type © or & #169; in an HTML file

Q15. What is a marquee?

Ans: Marquee is used to put the scrolling text on a web page. You should put the text which you want to scroll within the <marquee>......</marquee> tag

**********Lecture Three ***********

1.What is element?

A. Element n‡"Q opening tag ‡_‡K ïiæ K‡i closing tag ch©šÍ including content.

2.What is attribute?

A. Attribute ‡Kvb Tag Gi AwZwi³ information enb K‡i |

3. Attribute ‡Kv_vq wjL‡Z nq ?

A. Opening tag Gi g‡a¨ |

4.Write P tag.

A. Opening tag or closing tag?

5.Write opening tag of p.

A. <p>

6.Write closing tag of p.

A. </p>

7.Write p element.

A. <p>Some content ………..</p>

8.Write img tag.

A. <img />

9.Write img element.

A.

10.What is difference between b tag and strong tag?

A. Work of and are same but strong tag is SEO friendly.

11.What is difference between u tag and ins tag?

A. Work of <u></u> and <ins></ins> are same but ins tag is SEO friendly.

12.What is difference between i tag and em tag?

A. Work of <i></i> and are same but em tag is SEO friendly.

13.Write uses of <a> tag.

A. (i)GKwU Website Gi mv‡_ Ab¨ Website Gi link Ki‡Z cvwi |

(ii)GKB Website G GKwU Webpage Gi mv‡_ Ab¨ Webpage Gi link Ki‡Z cvwi |

(iii) GKB Webpage Gi g‡a¨ Dc‡i ev wb‡P †Kvb content Gi mv‡_ link Ki‡Z cvwi |

14.GKwU Webpage Gi g‡a¨ wbw`©ó †Kvb RvqMvq †Kvb documentation ev Pdf file show or read Kivi Rb¨ Avgiv †Kvb tag e¨envi Ki‡Z cvwi ?

A. <object></object>

15. GKwU Webpage G Kq ai‡bi content _vK‡Z cv‡i ?

A. GKwU Webpage G Pvi ai‡bi content _vK‡Z cv‡i

(i)Text, (ii) Image, (iii) Audio, (iv) Video

Question-Answers from Day-1

1.What is Web or World Wide Web(WWW)?

A. The World Wide Web is an information space where documents and other web resources are identified by Uniform Resource Locators, interlinked by hypertext links, and can be accessed via the Internet.

2.Who Invented Web and When?

A. Sir Tim Berners-Lee in 1989.

3.What is Internet?

A. The Internet is the global system of interconnected computer networks that use the Internet protocol suite (TCP/IP) to link devices worldwide. It is a network of networks.

4.What is Website?

A. A set of related web pages located under a single domain name.

**********Lecture Six **********

*What is Bootstrap?

Bootstrap is a free front-end framework for faster and easier web development. Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins. Bootstrap also create responsive designs.

*What is Bootstrap Grid System?

Bootstrap includes a responsive, mobile first fluid grid system that appropriately scales up to 12 columns as the device or viewport size increases. It includes predefined classes for easy layout options.

*How to link Bootstrap File and Where?

Bootstrap file should to be link in head section in html as like <link rel="stylesheet" href="css/bootstrap.css"/>

*where to link our css file?

After bootstrap css file .

*How to use our classes in bootstrap framework?

For apply our class in bootstrap framework ,We will use our stylesheet.

*Are bootstrap classes predefined?

Yes.

*Which class should to use of all time in grid system layout?

Container or container-fluid

*What's the difference between container and container-fluid?

Container is used not for full width but container-fluid is used for full width.

*Write a basic grid system layout?

<div class="container">

    <div class="row">

        <div class="col-md-12"><div>

<div>

<div>

*Some of bootstrap class----

(col-xl-) is for extra large ,(col-lg-) is for large, (col-md-) is for medium ,(col-sm-) is for small and (col-) is for used extra small device.

*Which class is used for heading tag more larger?

display

*Write some typography class name---

Text-info, text-danger, text-primary, text-success, text-warning

*Some class for background color------

Bg-primary, bg-dark, bg-info, bg-warning

Note: To know more class name use (bg ctrl+spacebar)

*For create button by bootstrap class, How much html element can be used?

3 element; Example—

<a href=" "><a> ; <input/> ; <button></button> ;

Note: input and button type must be submit/button ;

*Which class is called for create button?

btn ; for background color: btn-danger and etc;

Note: For increase or decrease button size : btn-lg, btn-sm;

For out line button: btn-outline-info, btn-outline-dark   etc…..

That's all about Lecture -6 video tutorial;

***********Lecture eight ***********

1. What type to form?

Ans: 3 type of form. Vertical, horizontal, and inline form.

2. How many input element HTML 5 ?

Ans: 6 input element of HTML 5-

Input, select, textarea, datalist, keygen and output.

2. What is navigation menu?
   - bootstrap framework created menu

```
Form -
input
Element
        <form></form>
        HTML 5 elemtn
        -------------
        input
        textarea
        select
        datalist
        keygan
```

```
output
--------------
{
folder => new-folder
file => -

class => NewClass
varibable,
Function)

input element name_name
} all small letter..

ure jai bokho pakhi--
damal


HOME Work
google accoont --horizantal form
facebook accont --vertical form
```

**********Lecture Nine **********

1. What is JavaScript?

Ans: JavaScript is a popular client side scripting language. It gives interactivity HTML pages.

2. What is Variable?

Ans: Variables are "Containers" for storing information.

3. Variable Rules:

* Variable name starts a character or underscore:

    Right   total   or   _total

    Wrong   5NumberTotal

4. What is Operator?

Ans: An operator is a symbol that tells the compiler to perform specific mathematical or logical manipulations.

5. There are six types operator in JavaScript:

i. Arithmetic Operator

ii. Assignment Operator

iii. Comparison Operator

iv. Logical Operator

v. Conditional Operator

vi. + Operator

6. What is Event?

Ans: Event is any incident of user.

7. What is Function?

Ans: Function is the name of a code block.

Syntax: function functionName (){

    // Code to be executed;

}

8. What is the name of JavaScript server?

Ans: All Browser.

9. Why used JavaScript?

Ans: JavaScritp Behevior Control.

10. JavaScript syntex:

i) Syntex

ii) Variable

iii) Operator

iv) Statement

v) Array

vi) Function

**********Lecture Ten **********

1. What is Java Script?

ANS: Java Script is an Object Oriented Scripting Language. It's also a Programming Language. It Makes Some Decision & Can Correction in TAG. In 1994 Sir Brenden Eich Introduced This Concept. In 1995 JAVA Script Launched. After Launching Netscape Company Changed its Name to "Live Script" From "Java Script". At The End of 1995 it's Returned Back to Old Famous Name "JAVA Script". In 1999 ECMA-3 (JAVA Script) Published. After 10 Years, In 2009 ECMA-5 (JAVA Script) Published & Lastly in 2015 ECMA-6 (JAVA Script) Published. ECMA-6 Also Called ECMA-2015.

2. What are JavaScript Data Types?

Following are the JavaScript Data types:

Number

String

Boolean

Function

Object

Undefined

3. Differences between Java and JavaScript?

Java is an OOP programming language while Java Script is an OOP scripting language. Java creates applications that run in a virtual machine or browser while JavaScript code is run on a browser only. Java code needs to be compiled while JavaScript code are all in text.

4. Which company developed JavaScript?

Netscape is the software company who developed JavaScript.

5. Which symbol is used for comments in JavaScript?

// for Single line comments and

/*   Multi

Line

Comment

*/

6. What are all the looping structures in JavaScript?

Following are looping structures in JavaScript:

- For
- While
- do-while loops

7. Explain how to read and write a file using JavaScript?

There are two ways to read and write a file using JavaScript

- Using JavaScript extensions
- Using a web page and Active X objects

8. What are the JavaScript Operators?

JavaScript addition operator (+) serves two main purposes in JavaScript. The first is to perform a simple addition on the numbers.

The second operation is to perform a string concatenation (combine the strings).

9. What is the use of is Nan function?

Is Nan function returns true if the argument is not a number otherwise it is false

10. What is negative infinity?

Negative Infinity is a number in JavaScript which can be derived by dividing negative number by zero.

11. What is 'this' keyword in JavaScript?

'This' keyword refers to the object from where it was called.

12. What is === operator?

=== is called as strict equality operator which returns true when the two operands are having the same value without any type conversion.

13. What is the difference between JavaScript and Jscript?

Both are almost similar. JavaScript is developed by Netscape and Jscript was developed by Microsoft.

14. What Boolean operators can be used in JavaScript?

The 'And' Operator (&&), 'Or' Operator (||) and the 'Not' Operator (!) can be used in JavaScript.

15. What Are The Different Ways To Create An Array In JavaScript?

There are two main ways to create an array in JavaScript.

16. Which keyword is used to print the text in the screen?

document.write("Welcome") is used to print the text – Welcome in the screen.

**********Lecture Twelve **********

1. Web page er vitor content kotha kotha theke aste pare?
Ans: From input value / opening r closing tag er majhkhan / img src.

2. JS er vitore input field theke content neyar jonno ki use kora lage?
Ans: .value (document.getElementById().value)

3. JS er vitore opening r closing tag er majhkhan theke content neyar jonno ki use kora lage?
Ans: .innerHTML (document.getElementById().innerHTML)

4. JS er vitore img tag theke content neyar jonno ki use kora lage?
Ans: getAttribute/setAttribute

5.JS er vitor css use korte kon property use kora lage?
Ans: style

6.JS er vitor css er class use korte kon property use kora lage?
Ans: className

#That's All.

**********Lecture Fourteen ***********

1. What is jQuery?

Ans: jQuery is not a programming language but a well written JavaScript code. It is a JavaScript code, which do document traversing, event handling, Ajax interactions and   Animations.

2. Why jQuery is needed?

Ans: Query is needed for the following list:

Used to develop browser compatible web applications

Improve the performance of an application

Very fast and extensible

UI related functions are written in minimal lines of codes.

3. Whether jQuery HTML work for both HTML and XML documents?

Ans: No, jQuery HTML only works for HTML documents not for XML Documents.

4. What are the methods used to provide effects?

Ans: Some of the effects methods are:

Show()

Hide()

Toggle()

FadeIn() and

FadeOut().

5. What is the advantage of using minimized version of jQuery?

Ans: Efficiency of web page increases when minimized version of jQuery is used.min.js file will be more than 50% less than the normal js file. Reduction in the file size   makes the web page faster.

6. Is jQuery is a JavaScript or JSON library file?

Ans: jQuery is a library of JavaScript file and it consists of DOM, event effects and the Ajax functions. jQuery is said to be a single JavaScript file.

7. In what scenarios jQuery can be used?

Ans: jQuery can be used in following scenarios:

Apply CSS static or dynamic

Calling functions on events

Manipulation purpose

Mainly for Animation effects

8. What is the difference between find and children methods?

Ans: Find method is used to find all levels down the DOM tree but children find single level down the DOM tree.

9. What are the basic selectors in jQuery?

Ans: Following are the basic selectors in jQuery:

Element ID

CSS Name

Tag Name

DOM hierarchy

10. What is the use jQuery.data method?

Ans: jQuery.data methods is used to associate the data with the DOM nodes and the objects. This data method makes the jQuery code clear and concise.

11. What is the use of each function in jQuery?

Ans: Each function is used to iterate each and every element of an object. It is used to loop DOM elements, arrays and the object properties.

12. What is the difference between size and length of jQuery?

Ans: Size and length both returns the number of element in an object. But length is faster than the size because length is a property and size is a method.

13. Can we add more than one 'document.ready' function in a page?

Ans: Yes, we can add more than one document.ready function in a page. But, body.onload can be added once in a page.
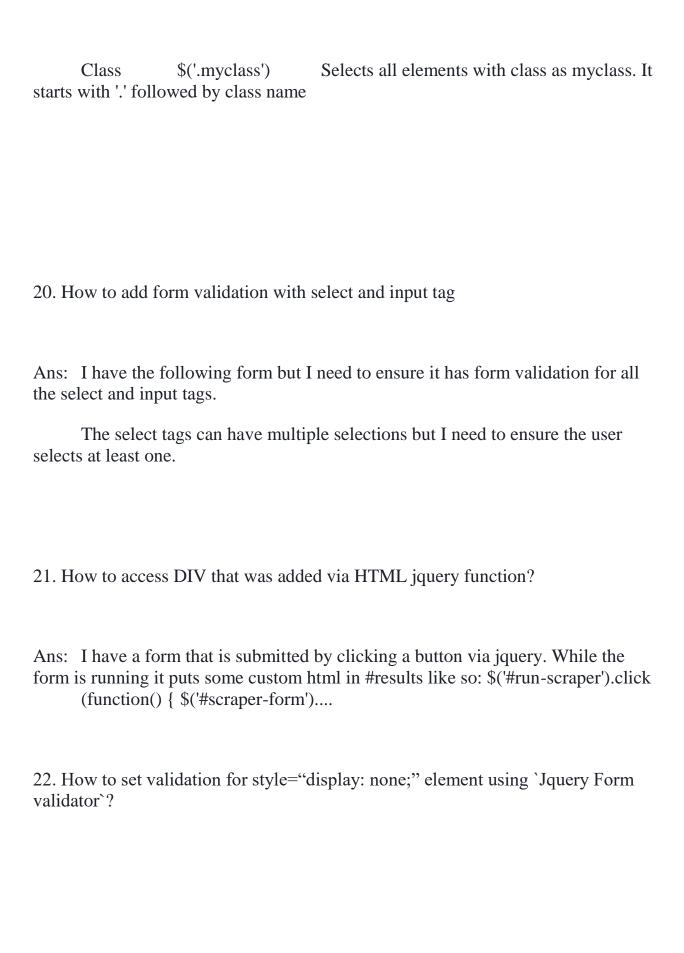
14. What is the use of jQuery load method?

Ans: jQuery load method is a powerful AJAX method which is used to load the data from a server and assign the data into the element without loading the page.

15. Which sign is used as a shortcut for jQuery?

Ans: Dollar ($) sign is used as a shortcut for jQuery.

16. Which is the fastest selector in jQuery?

Ans: ID and Element are the fastest selectors in jQuery.

17. Where jQuery code is getting executed?

Ans: jQuery code is getting executed on a client browser.

18. What are the types of selectors in jQuery?

Ans: There are three types of selectors in jQuery:

        CSS Selector

        XPath Selector

        Custom Selector

19.

Selector	jQuery Syntax	Description
Tag Name	$('div')	All div tags in the document
ID	$('#TextId')	Selects element with ID as TextId. It starts with # followed Element Id.

Class $('.myclass')   Selects all elements with class as myclass. It starts with '.' followed by class name

20. How to add form validation with select and input tag

Ans: I have the following form but I need to ensure it has form validation for all the select and input tags.

The select tags can have multiple selections but I need to ensure the user selects at least one.

21. How to access DIV that was added via HTML jquery function?

Ans: I have a form that is submitted by clicking a button via jquery. While the form is running it puts some custom html in #results like so: $('#run-scraper').click (function() { $('#scraper-form')....

22. How to set validation for style="display: none;" element using `Jquery Form validator`?

Ans: How to set validation for style="display: none;" element using Jquery Form validator sample. I have form with tabs in which tab which style="display: none;" applied to   not activated tab. my form is ...

23.   How to use `Jquery-form-validator` for validation of form with tabs?

Ans: I have use Jquery Form Validator plugin for validation of my Form from demo link. Now I seprated form with diffrent tab. How can i achieve validation on certain tab   while clicking on NEXT BUTTON of ...

24.   Adding a click event listener in script not working?

Ans: I'm trying to change the color in a text box from blue to red on click, however, it's always red, the event listeners not working for some reason. function formFun() {   var textBox1 = document.