



Yashveer
@yashveerSholiya

PHP ASSIGNMENT

Question 1 What do you mean by PHP.ini file Configuration.

PHP Configuration file, PHP.ini, is the final and most immediate way to affect PHP's functionality. The PHP.ini file is read each time PHP is initialized. In other words, whenever httpd is restarted or the module version or with each script execution for the CGI version. If your change isn't showing up, remember to stop and restart httpd if it still isn't showing up, using phpinfo() to check the path to PHP.ini.

The following program is used to check the file path:

Syntax:

```
<?php  
    echo phpinfo();  
?>
```

Some of Commands are—

- 1 enable_safe_mode = on;
- 2 register_global = on;
- 3 upload_max_filesize
- 4 display_errors = off
- 5 Post_max_size
- 6 magic_quote_gpc = on
- 7 file_upload = [on/off]
- 8 auto_append_file = [filepath]

Question 2 How to Create a form in PHP? what do you understand by form validation and form handling?

Form Handling :- whenever a user fills his details in this form and click on the Submit button, then the user has to save those details in database through PHP or the user has to give any ~~text~~ output according to his input.

Form Validation :-

when the form is Submitted, the written entries are stored in the \$POST or \$GET array depending on the method attribute of the form. when the HTML Form is created it is also validated. Validation means that the user who is filling this form should Enter the Correct information

PHP Form :-

when-Ever you login in any website, you interact with the form itself. Through the form, you can access the user's information to the Server. A document that contains blank field to which user data can be filled in or user data can be Selected.

- It can be created by <form> Tag
- In the Form, we use POST and GET method for Submission

This process Complete in 2 ways

- 1 Form Handling
- 2 Form Validation

Question 3 Explain various string function with Example

String function are used for string. Many string function have already been created in PHP. All these function are known as "PHP Readymade function". We can also call the PHP string function "BUILD-IN FUNCTION".

Some of String Function:

1. PHP strlwr() function

The strlwr() function returns string in lowercase letter.

Example

```
<?php  
$str = "My name is Khan";  
$str = strlwr($str);  
echo $str;  
?>
```

Output:
my ~~name~~ name is khan

2. PHP strrev() function

The strrev() function returns reversed string.

Example

```
<?php  
$str = "my name is YASH";  
$str = strrev($str);  
echo $str;  
?>
```

Output:
hsay ~~eman~~ si ~~gn~~ eman ym

3. PHP strlen() function

The strlen() function return length of the string.

Example

```
<?php  
$str="my name is Yash"  
$str= strlen($str);  
echo $str;  
?>
```

Output 15

Question 4 Difference between Get & Post Method

Get

Post

1	Can be bookmarked	Cannot be bookmarked
2	Can be Cached	not Cached
3	having Restrictions	No Restriction
4	DATA is visible to everyone in URL	DATA is not displayed in the URL
5	limited amount of data	Large amount of data

Question 5 What is MySQL Language? how to establish Connection to MySQL using PHP?

MySQL is a fast, easy to use RDBMS being used for many Small and big business

- MySQL is released under an open-Source license! So you having Nothing to ~~pay~~ pay.
- MySQL uses a standard to the well-known SQL data Language

Connection to MySQL

To Connect PHP page to MySQL you have to use some function of PHP. To Connect PHP to MySQL you will need these things.

- 1 Server NAME
- 2 Server Username
- 3 Server password
- 4 Database NAME

Database Connect of PHP to MySQL is done by two ways

- 1 Using MySQLi
- 2 Using PDO (PHP Data Object)

Question 6 what do you understand by Database? How can it be created using MySQL

A database is a separate application that stores a collection of data. Each database has one or more distinct APIs for creating, accessing, managing, searching and replicating the data it holds.

Creating Database By MySQL :-

- Open the MySQL Workbench as an administrator (Right click, Run as Admin)
- Click on File > Create Schema to Create database
- Enter the Name & Apply
- In the apply SQL Script to database window, click apply to run the SQL Command that Create the Schema.

Question 7 Explain Insertion, deletion, and Retrieval of MySQL DATA.

Insertion

When the table is created, this statement "INSERT INTO table_name" is used to insert records into it.

Syntax:

INSERT INTO table_name (Column1, Column2 ... ColumnN)

VALUES ('Value 1', 'Value 2' ..., 'Value N')

Deletion

WHERE clause is used with DELETE table_name statement when row or record is to be deleted.

Syntax

\$tb_update = "DELETE FROM student WHERE id = 2"

Retrieving MySQL

When records are inserted into a table, a "SELECT" statement is used to retrieve that record.

Syntax

SELECT Column_name(s) FROM table_name

Question 8 what is XML HTTP Request object? Explain its properties?

The XML HTTP Request object can be used to request data from a web Server. All modern browser have a build-in XML HTTP Request object data from a Server

Properties

- (a) On ready stage change: It automatically changes the stores of the function home every time in the ready state property
- (b) ready stage: Represent the status of the request whose range from 0 to 4.
- (c) ResponseText: It return the response as text
- (d) ResponseXML: It return the response as XML
- (e) status: Returns the status number of a request
- (f) statusText: Returns the status text

Question 8 what do you understand by Server response? Explain its properties & Methods

A Response object is used to send output from a web Server to a client

Server Response Properties

- (a) Response text: response receive the data as a string
- (b) Response XML: Receives the Response data a XML

Methods:-

- (a) GetResponseHeader(); Return specific Header Information from the resource
- (b) GetAllResponseHeader(); Return all header information from Server resource

Question 10 what is Ajax? Explain Ajax Event in Detail

Ajax is based on asynchronous JavaScript and XML. When a user want more Content, he click on a link. With Ajax a user can click something and load the content in the page using Java Script without uploading the entire page.

There are 2 type of Ajax Event:

- (a) Global
- (b) Local

- (a) Global Event: This Event triggers on document. Global Event can be disable by passing a global option to a particular Ajax request

Types of Global Events:

- (a) .ajaxComplete()
- (c) .ajaxSend()
- (e) .ajaxStop()
- (b) .ajaxError()
- (d) .ajaxStart()
- (f) .ajaxSuccess()

(b) LocalEvent: These are the callback that you subscribe to in the Ajax request object

Type of Local Event

- (a) beforeSend
- (c) Error
- (b) Success
- (d) Complete

Question 1] what is wordpress? How wordpress work? Explain in detail
How will you install wordpress in your PC

Wordpress is a very powerful open source CMS ie Content management System Software. It was created by Matt Mullenweg and was launched as open source all people on 27 May 2003, absolutely free.

Installation of wordpress:-

Step 1: firstly download the latest version of wordpress from wordpress.org

Step 2: Unzip the file and upload it to the public - HTML directory

Step 3: Create MySQL DATABASE & User

Step 4: Configure the wp-config.php file

Step 5: Run the wordpress install

Working of wordpress :

- Step 1 choose a domain
- Step 2 Purchase web Hosting and domain
- Step 3 Instal wordpress
- Step 4 find a wordpress theme
- Step 5 install your wordpress theme
- Step 6 Configure your wordpress theme
- Step 7 Publish your first page
- Step 8 Create a menu
- Step 9 Configure your wordpress setting
- Step 10 install essential wordpress plugin

Question 12 what is Blogs? Define its type? How to Create a free blog on wordpress?

Blog is a product of google which work like a website it is a free service provided by google through the bag

Type of Blog:

- 1 Affiliate Blog : people are told about a product or Service, as well as a ~~free~~ Product review.
- 2 Personal Blog : A personal blog is like a digital diary in which the blogger write the post according to his interest
- 3 Niche Blog : In this, all the information related to that Subject is given.

Create a blog on wordpress:

- (a) sign up for web hosting
- (b) Pick a domain name for your blog
- (c) install free wordpress blog Software
- (d) login and write your first blog Post.
- (e) change your blog design by picking a theme
- (f) Install a couple of essential plugin
- (g) Don't forget marketing

Question 13 Explain the hyperlink process to connect one blog to another. How a blog is protected by Password.

=> Hyperlink one blog to another.

- (a) in your wordpress text editor, type or copy/paste your anchor text. the anchor text is the word, phrase or sentence into which you will embed the hyperlink
- (b) Copy the URL from your web browser's address bar, located at the top of your screen
- (c) paste the copied URL (Control + V) into your wordpress text editor

- (d) Highlight the anchor text by clicking and dragging over it or by triple clicking on the Entire line
- (e) Click the chain link Icon in your blog's tool bar
- (f) Paste the full URL into the URL field

=> Password Protected blog

- (a) To keep a wordpress post or page Safe . all you have to do is go to visibility in the wordpress editor and click on the edit button
- (b) Then, choose Password Protected Radio button and enter your desired password then click on ok
- (c) Once you publish or update your post , ~~your~~ is now password Protected . what does it mean ? whenever Someone tries to access that Post on the front . End

Question 14 what is CSS Horizontal Menu ? How is it Created in wordpress

Horizontal menu are usually just below the site header , where they are easily seen by more visitors they are easily seen by two steps to create a horizontal menu : adding Code to the template file and styling the menu with CSS

<div id="navmenu">


```
<?php wp_list_categories ('depth=1');?>  
<li><a href = "http://codex.wordpress.org/"> help</a></li>  
</ul>  
</div>
```

Question 15 How Can you Formate date and time in wordpress

- (a) Go to your wordpress admin panel
- (b) Go to Settings > General
- (c) Scroll down to time zone
- (d) choose a Date formate
- (e) choose a Time formate