**what is php ?**

* php stands for personal home page in 1994
* after 1996 php stands for php:hypertext preprocessor
* php first time release in 1994 by rasmus landroef.
* php is a server side scripting language
* php is used to support all operating systems

ex: windows family , ubuntu, macc , android os

* php is used to support all server

ex: apache , iis , tomcat

* php is used to support all database

ex: mysql , sqllite, oracle, mongo db , sqlserver

* php is loosly type of language

ex: $a=10; // integer

$b=20; // integer

$name=”Brijesh”; // string

$d=45.65465;

Note : in php we need not to assign variable datatype.

* php is case sensitive language

ex: echo, print(), array().

* php is server side scripting language

ex: <!DOCTYPE html>

<html>

<head>

    <meta charset='utf-8'>

    <meta http-equiv='X-UA-Compatible' content='IE=edge'>

    <title>Page Title</title>

    <meta name='viewport' content='width=device-width, initial-scale=1'>

    <link rel='stylesheet' type='text/css' media='screen' href='main.css'>

    <script src='main.js'></script>

</head>

<body>

    <h1> contact with us</h1>

    <p>  Lorem ipsum dolor sit amet consectetur adipisicing elit. Tempore, nostrum fuga natus alias sit nobis sequi, magnam inventore ab ipsa magni illum itaque tempora. Esse cupiditate impedit fuga ipsam earum.</p>

    <?php

       $name="Lorem ipsum dolor sit amet consectetur adipisicing elit. Tempore, nostrum fuga natus alias sit nobis sequi, magnam inventore ab ipsa magni illum itaque tempora. Esse cupiditate impedit fuga ipsam earum.";

       echo $name;

    ?>

</body>

</html>

* php used to run or load on server some tools.

1. Xampp

X=>cross plateform(support all os)

A=>apache

M=>mysql(database)

P=>perl(procedural base languag)

P=>php

1. Wampp

W=>windows family

A=>apache

M=>mysql(database)

P=>php

1. Lamp

L=>linux/unix or ubuntu

A=>apache

M=>mysql(database)

P=>php

Php is not a compiler base language its is a interprete base language.

Compiler : compiler is used to convert high level language to low level language OR BINARY code.

Interpreter : compiler is used to convert high level language to low level language OR BINARY code.

Php file extention is .php , .php3 , .phtml

Php is light weight server side scripting languge.

Php is used as open source language.

Ex: you can free download to used without any licenece.

ex: php , java , android , python , react js etc.

* **php delemeters** : delemeters meanse how to start and closed php

direct output delemeters

<?= statements; ?>

satandard output delemeters

<?php

statements;

?>

* **php operator :** operator is **operand some actions there we used operator**

**types of operator**

1. **Airthmatic operator**

Ex: + , - , \* , / , %

1. **Logical operator**

Ex: && and, || or, !

1. **assignment operator**

Ex: =, ==, !=

1. **conditional or comparision operator**

Ex: >, <, >= , <=, ===

1. **ternary operator**

Ex: ?:

1. **Sorthand operator**

Ex: +=, -=, \*=, /= , %=

1. **Increment/decrement operator**

Ex: ++ , --

1. **concatenate operator**

Ex: .

* **php variable : A** variables is just like a container where we stored an information about data i.e called variable.

**Or**

A variable is used to stored information about data i.e called variable.