Xampp🡪htDocs🡪piyush🡪index.php

Keywords 🡪 Not case sensitive

Containers/Variables 🡪 Case sensitive

Variables starts with a $

<br> to break the line… or change the line

var\_dump🡪 bool(true)/bool(false) 🡪 shows the value with type

$friends = array(“piyush”, “akshat”, “rohit”)

echo var\_dump($friends)

echo $friends[1]

‘.’ To concatenate two strings.

echo <pre>

echo rtrim

echo ltrim

echo </pre>

<> 🡪 Not equal to operator

[“and” , “&&”]………..[“or” , “||”] ………[ Not 🡪 !]

foreach($arr as $value){

echo “$value <br>”;

}

function

$d = date(“d S l”) 🡪php.net🡪date🡪 find it there

Associative arrays……. echo $favCol[‘rohan/8/harry/piyush’]

global $a, $b; 🡪 to get the access of global variable

echo var\_dump($GLOBALS);

echo var\_dump($GLOBALS[‘a’]);

echo var\_dump($GLOBALS[‘b’]);

GET POST

<form action =“/…./…./……” (🡪file address) method = “post”> 🡪Inside some tag

RDBMS is a organize way to store data

RDBMS stores data in tables

SQL is a medium to communicate with the database.

Headers, data , each row has a number of columns.

Each column has a name and type….like int, var char, date

phpmyAdmin is a web based interface🡪makes it easy to access database through SQl. 🡪it is for MySQL & MariaDB.

Connecting to a database….

$servername = “localhost”;

$username = “root”;

$password = “”; 🡪 in case of a localhost password is blank(no spaces)

Create a connection…

$conn = mysqli\_connect($servername, $username, $password);

If(!$conn){

die(“Sorry we failed to connect” . mysqli\_connect\_error());

}

echo “connection is successful”

MySql database using php:

$sql = “CREATE DATABASE dbharry2” ;

mysqli\_query($conn, $sql);

To check it:

$result = mysqli\_query($conn, $sql);

echo “The result is” . var\_dump($result);

Creating a table in MySql using php:

$servername = “localhost”;

$username = “root”;

$password = “”; 🡪 in case of a localhost password is blank(no spaces)

$database = “dbharry”;

$conn = mysqli\_connect($servername, $username, $password);

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Ctrl+n 🡪creating a untitled doc in vscode.

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$sql = “……query that we get from console…….”

mysqli\_query($conn, $sql);

// Find the number of records returned

$num = mysqli\_num\_rows($result);

echo $num;

// Variables to be inserted into the table

$name = "Vikrant";

$destination = "Russia";

// Sql query to be executed

$sql = "INSERT INTO `phptrip` (`name`, `dest`) VALUES ('$name', '$destination')";

$result = mysqli\_query($conn, $sql);

// Create a table in the db

$sql = "CREATE TABLE `phptrip` ( `sno` INT(6) NOT NULL AUTO\_INCREMENT , `name` VARCHAR(12) NOT NULL , `dest` VARCHAR(6) NOT NULL , PRIMARY KEY (`sno`))";

$result = mysqli\_query($conn, $sql);

// Find the number of records returned

$num = mysqli\_num\_rows($result);

echo $num;

echo " records found in the DataBase<br>";

// Display the rows returned by the sql query

if($num> 0){

// $row = mysqli\_fetch\_assoc($result);

// echo var\_dump($row);

// echo "<br>";

// $row = mysqli\_fetch\_assoc($result);

// echo var\_dump($row);

// We can fetch in a better way using the while loop@@@@@@@@@@

while($row = mysqli\_fetch\_assoc($result)){

// echo var\_dump($row);

echo $row['sno'] . ". Hello ". $row['name'] ." Welcome to ". $row['dest'];

echo "<br>";

}

mysqli\_fetch\_assoc 🡪this function fetch the results one by one.

WHERE clause (sql) to fetch data from database.

mysqli\_affected\_rows($conn) 🡪how many rows get affected after running the query…

mysqli\_error($conn) 🡪 shows the error happened.

LIMIT 3 🡪 Written at the end of sql query to limit the number of operation.

\_dbconnect.php🡪We made a file for not repeating d connecting database code.

\*\*include `\_dbconnect.php` 🡪Gives warning if file name is wrong. & “warning is not fatal”……….and the program will proceed.

\*\*require `\_dbconnect.php`🡪Gives “fatal error” if file name is wrong. Try to remember it as the keyword is require here…..and program will not proceed.

$a = readfile(“\_\_filename.txt\_\_”);

echo $a;

The output we will get through above syntax will be like: I love you.(\_some int\_)

This integer will show the number of character it read.

readfile(“\_\_filename.txt\_\_”); 🡪This directly will not show the no. of character…..

$fptr = fopen(“myfile.txt”, “r/w/a/….”);

$content = fread($fptr, filesize(“myfile.txt”)/3/5/28);

echo $content;

fclose($fptr); 🡪imp

fwite($fptr, “This is the best file on planet.”);

fwite($fptr, “This is content 2\n”);

fwite($fptr, “This is content3 \n”);

fwite($fptr, “This is being appended by the file\n”); 🡪in append mode!

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echo fgets($fptr); 🡪reads first line from the file.

echo fgets($fptr); 🡪reads second line from the file…..& so on.

fgets() 🡪 reads line by line….

fgetc() 🡪 reads character by character…. Much More Slower!

COOKIES🡪 It’s like a tag that you make to identify the user…

#Cookies sets normal data…Non-sensitive data.

#Sessions stores or sets sensitive data in the server….

setcookie(category, Books, time() + 86400, ‘/’); 🡪expires in 86400 sec & “/” means cookie set for the whole website…..

$cat = $\_COOKIE[‘category’]; 🡪$\_COOKIE is a super global….

echo “Here is the list of all $cat”;

SESSION 🡪 method to store information across different pages….

session\_start();

$\_SESSION[] 🡪super global

To logout of the current session:

session\_start();

session\_unset();

session\_destroy();

We identify through the name in the server.

<form action = “/loginsystem/signup.php” method = “post”>

🡪🡪header(“location : welcome,php”) 🡪 to redirect the page.

UNIQUE constraint (sql query)

\\

$hash = password\_hash(%password)

password\_verify()

$login = false;

$showError = false;

if($\_SERVER["REQUEST\_METHOD"] == "POST"){

include 'partials/\_dbconnect.php';

$username = $\_POST["username"];

$password = $\_POST["password"];

// $sql = "Select \* from users where username='$username' AND password='$password'";

$sql = "Select \* from users where username='$username'";

$result = mysqli\_query($conn, $sql);

$num = mysqli\_num\_rows($result);

if ($num == 1){

while($row=mysqli\_fetch\_assoc($result)){

if (password\_verify($password, $row['password'])){

$login = true;

session\_start();

$\_SESSION['loggedin'] = true;

$\_SESSION['username'] = $username;

header("location: welcome.php");

}

else{

$showError = "Invalid Credentials";

}

}

GET to change the name dynamically…..

$id = $\_GET['catid'];

$sql = "SELECT \* FROM `threads` WHERE thread\_cat\_id=$id";

$result = mysqli\_query($conn, $sql);

<form action= <?php echo $\_SERVER[‘PHP\_SELF’]?> method= “post”> 🡪to submit in the same page……………

<form action= <?php echo $\_SERVER[‘REQUEST\_URI’]?> method= “post”> 🡪to submit in the same page with the URL after “?”……………

TO enable full text search 🡪(we are basically making a searchbox)

alter table threads add FULLTEXT (`thread\_title`, `thread\_desc`);

TO CHECK IT:\_\_

select\*from threads where match(`thread\_title`, `thread\_desc`)against(`not able`)