Contents

[Installation 1](#_Toc44943930)

[Git hub 1](#_Toc44943931)

[Difference between single quote and double quote 2](#_Toc44943932)

[Echo 2](#_Toc44943933)

[Constant 2](#_Toc44943934)

[Loop 2](#_Toc44943935)

[While 2](#_Toc44943936)

[Target 3](#_Toc44943937)

[CRUD Operation in php using mysqli 3](#_Toc44943938)

[I. Create(Insert) 3](#_Toc44943939)

[a. Algorithm 3](#_Toc44943940)

[Session 3](#_Toc44943941)

[Important note : 4](#_Toc44943942)

# Installation

Long ago we used to work in Xampp and Wamp for the local server now we use Laragon

It’s easy to use than other software.

1. Easy to create virtual domain
2. Gives ssl certificate
3. Easy to open project from www
4. Easy for laravel project don’t need to write cmd: php artisan serve

# Git hub

1. Create a new Repository
2. git init
3. git status
   * 1. red: commit is still not done
     2. green: commit has been done
4. git remote add origin git@github.com:krevilraj/Simple-CRUD.git
5. git add .( it will change into green)
6. git commit -m “ message” after this all files will be green now it is ready for push
7. git push origin master

# Difference between single quote and double quote

<?php

$x = "Hello world!";

$y = 'Hello world!';

echo $x;

echo "<br>";

echo $y;

?>

Single quote and double quote both used for string. But Double quote recognize variable whereas single quote doesn’t.

# Echo

It only recognizes variable, single quote, double quote, concatenation, Athematic operator,

Only var\_dump and print\_r() recognize array

<?php

$x = "Hello world!";

$y = 'Hello world!';

echo $x;

echo "<br>";

echo $y;

?>

# Constant

<?php

define("GREETING", "Welcome to W3Schools.com!");

echo GREETING;

?>

# Loop

## While

First check condition then if condition meet or True then code inside the bracket code will be execute otherwise exit the loop.

while (*condition is true*) {

*code to be executed*;

}

# Target

1. PHP basic
2. PHP database
3. Database Query
4. Laravel
5. Jquery
6. Vue

# CRUD Operation in php using mysqli

## Create(Insert)

### Algorithm

* Create Form
* Form method and action is necessary. “method”: POST, GET, PUT and DELETE. “action”: Where to go after submit is click.
* Check Post data
  + 1. echo $\_POST[‘name’]
    2. var\_dump($\_POST);
    3. exit();
* Insert into database

$name = $\_POST['name'];

    $address = $\_POST['address'];

mysqli\_query( $db, "INSERT INTO info (name, address) VALUES ('$name', '$address')" );

$\_SESSION['message'] = 'Address saved';

    header('Refresh: 1; URL=add.php');

# Session

message should be pass one page to another page for this purpose we use session

example:

if we need user information in all page then we use session then print session

* Initialize session or store session

$\_SESSION['user\_login'] = true;

* Print Session

echo $\_SESSION['message'];

* + Delete Session or Unset Session

unset($\_SESSION['message']);

# Important note:

* Do not forget quote in query
* Var\_dump exit

# Image upload

Note:

* 1. In form

enctype="multipart/form-data"

* 1. Input type must be file

<input type='file' name='image' />

* 1. Jastai timlai validation pdf file matra upload kasari

if(isset($\_FILES['image'])){ // input type file is taken as $\_Files

        $errors= array();

        $file\_name = $\_FILES['image']['name'];

        $file\_size =$\_FILES['image']['size'];

        $file\_tmp =$\_FILES['image']['tmp\_name'];

        $file\_type=$\_FILES['image']['type'];

        $extensions= array("jpeg","jpg","png","pdf");

        $tmp = explode('.', $file\_name);

        $file\_ext = end($tmp);

        if(in\_array($file\_ext,$extensions)=== false){

           $errors[]="extension not allowed, please choose a JPEG or PNG file.";

        }

        if($file\_size > 2097152){

           $errors[]='File size must be excately 2 MB';

        }

        if(empty($errors)==true){

           move\_uploaded\_file($file\_tmp,"images/".$file\_name);

           echo "Success".$file\_name;

        }else{

           print\_r($errors);

        }

     }

# File Delete or Unlink

$path = $\_SERVER['DOCUMENT\_ROOT'].'\/images\/'.$file\_name;

unlink( $path );

# Edit Image

If(new iimage is uploaded) =>old image should be deleted and new image should be uploaded

Else no new image => nothing change

# Explode

<?php

$str = "Hello world. It's a beautiful day.";

print\_r (explode(" ",$str));

?>

# In\_Array