**<?php**

**# Display functions**

**# echo**

**# print**

**# print\_r**

**# var\_dump**

**echo "Welcome to PHP !";**

**?>**

**<?= 1 + 1 ?>**

**<?php**

**$emp\_name = "John";**

###### FUNCTION: add\_two\_num ######

# DESCRIPTION:

    This function helps in addition two numeric values

# PARAMETERS:

    num1: numeric number

    num2: numeric number

# RETURN VALUES

    numberic values

\*/

**function add\_two\_num($num\_1, $num\_2): int**

**{**

**return $num\_1 + $num\_2;**

**}**

**echo add\_two\_num(num\_1: 10, num\_2: 10);**

**Array:**

**$company = array(0=>"Apple", 1=>"IBM", 2=>"Google");**

**print\_r($company);**

**$apple = array("Product"=> "iPhone", "Model" => "16Pro", "Year" => "2024");**

**print\_r($apple);**

**$num = 1;**

**$num2 = 2;**

**var\_dump($num, $num2);**

**# Foreach**

**foreach($apple as $element){**

**echo $element;**

**echo "<br>";**

**}**

**############ FORMS ############**

**Step: 1 Create HTML Form**

**Step: 2 Set proper php action file**

**Step: 3 Use proper method GET or POST based on the requirement**

**Step: 4 Display simple message in Action File before doing anything**

**Step: 5 Execute the HTML page and click on Submit button to see Simple message from Action file**

**Step: 5 Retrieve forms values in PHP**

**Step: 6 Print the forms values in PHP**

**############ MySQL Connectivity ############**

**Step: 1 Define Database credentials as CONSTANT**

**Step: 2 Establish connectivity with MySQL**

**Step: 3 Display Message on successful connection**

**Step: 4 Close the connection**

**############ HTML Forms & Database ############**

**Step: 1 Create HTML Forms**

**Step: 2 Set proper php action file**

**Step: 3 Use proper method GET or POST based on the requirement**

**Step: 4 Retrieve forms values in PHP**

**Step: 5 Print the forms values in PHP**

**Step: 6 Create Table in MySQL**

**Step: 7 Establish connectivity with MySQL**

**Step: 8 Insert data in Table**

**Step: 9 Display Last Insert ID for the database entry**

**Step: 10 Close the connection**

**############ Display data from MySQL Table ############**

**Step: 1 Establish connectivity with MySQL**

**Step: 2 Write proper SQL Query**

**Step: 3 Display SQL Query (optional)**

**Step: 4 Display table data**

**Step: 5 Close connection**

**############ Display data from MySQL Table and Display in HTML Table ############**

**Step: 1 Create HTML Table with Proper Values (ie. Static/Hardcoded values)**

**Step: 2 Establish connectivity with MySQL**

**Step: 3 Write proper SQL Query**

**Step: 4 Display SQL Query (optional)**

**Step: 5 Display table data**

**Step: 6 Convert Static HTML Table using PHP to display dynamic value**

**Step: 7 Close connection**

**############ Create CRUD(Create, Retrieve, Update, Delete) Operation ############**

**Step: 1 Establish connectivity with MySQL**

**Step: 2 Create HTML Forms**

**Step: 3 Use proper method GET or POST based on the requirement**

**Step: 4 Set proper php action file for Data Insert**

**Step: 5 Create Helper function for Insert into MySQL**

**Step: 6 Call helper function action file**

**Step: 7 Create Static HTML Table for displaying data**

**Step: 8 Create Helper function for Selecting data from MySQL**

**Step: 9 display data using print\_r function**

**Step: 10 Convert static table to Dynamic Table**

**Step: 11 Add Hyperlink for Create New Entry**

**Step: 12 Redirect page to Step# 2 (Create HTML Form)**

**Step: 13 Create Update HTML Forms**

**Step: 14 Retrieve Form data using GET for user\_id**

**Step: 15 Get the data from MySQL table for the selected user\_id**

**Step: 16 Fill the Form values for the selected users.**

**Step: 17 Use proper method GET or POST based on the requirement**

**Step: 18 Set proper php action file for Data Update**

**Step: 19 Create Helper function for Update into MySQL**

**Step: 20 Call helper function action file**

**Step: 21 Redirect page to Step# 7 (Display Data)**

**Step: 22 Create action file for Delete data**

**Step: 23 Retrieve Form data using GET for user\_id**

**Step: 24 Create Helper function for Delete into MySQL**

**Step: 25 Call helper function action file**

**Step: 26 Redirect page to Step# 7 (Display Data)**

**########### SESSION ##########**

**Step: 1 Start PHP Session**

**Step: 2 Add Variable into Session**

**Step: 3 Access PHP Session Variable**

**Step: 4 Display PHP Session Variable Value**

**Step: 5 Remove PHP Session Variable**

**Step: 6 Destroy OHO Session**

**########### Login ##########**