**LARAVEL INTRODUCTION**

**INCLUDE AND REQUIRE:**

INCLUDE:

Including the things written in different pages. example the connection details in a page and including in other pages. Using these things whenever necessary.

include('');

REQUIRED:

The things that are required every time are written in require function.

require('')

**INCLUDE ONCE AND REQUIRE ONCE:**

OT using things are mentioned here.

include-once();

require-once();

**OOP IN PHP:**

**CLASS:**

syntax:

class class-name

{

//body(variables and methods)

}

example:

<?php

class Student{

var $roll-no;

function getroll-no();

}

**OBJECTS:**

syntax:

$varname=new default-constructor();//object initialization

CALLING a member function:

syntax:

$class-objectname->function-name();

**CONSTRUCTOR:**

syntax:

function\_\_construct\_name(parameter)

{

//body

//does not have any return type

}

**INHERITENCE:**

SYNTAX:

class child extends parentclass{

//body

}

**ACCESS SPECIFIERS:**

**PUBLIC MEMBER:**

syntax:

public var $varname;

PRIVATE:

syntax:

private var $varname;

**PROTECTED**:

syntax:

protected var $varname;

**INTERFACE**:

syntax:

interface interfname{

public function function\_name();

}

example:

using in class syntax:

class classname implements interfname{

//body calling function to be implemented

PUBLIC FUNCTION FUNT\_NAME(){

}

}

**ABSTRACT CLASS:**

It contains an abstract method whose body cant be define and a normal funtion whose body can be defined.

syntax:

Abstract class classname{

abstract function functionname();

function getname() //normal function

{}

}

class classname extends abstractclass{

function abstractfunction()

{}

}

**STATIC KEYWORD:**

CREATDE ONCE and its value can be changed by any of the classes which is acceptable to all.

syntax:  **its all inside a class**

public static $staticvarname=""; //declaration

public function getstatic value() //calling static variable

{

echo self::$staticvarname

}

**outside the class:**

classname:: $staticvarname;

**CONSTANT:**

syntax:

const require="data declare"; //keyword constant

**THIS KEYWORD:**

syntax:

$this-> var\_name;

**LARAVEL INSTALLATION**

* Check php version. Command prompt

php --version (no php)

Set environment variable (give path of php from xampp\htdocs)

Once set check again for **php --version** in power shell. If the version is not shown restart and recheck!!!

* Open **composer** in google and click on

Composer is Package Management Tool for PHP.

Download and run [Composer-Setup.exe](https://getcomposer.org/Composer-Setup.exe) - it will install the latest composer version whenever it is executed.

Without changing anything click next and finish installation.

* Google Node js, click first link and download the LTS. Install it.

In new powershell npm --version gives the version.

npm is package management tool for node js.

* Open laravel installation

**Via Composer Create-Project**

Alternatively, you may also install Laravel by issuing the Composer create-project command in your terminal:

composer create-project --prefer-dist laravel/laravel blog

copy last line, open powershell goto directory where (D:\Asma\xampp\htdocs>)

next: paste the above copied line after (>) and enter.

Wait until installation completes.

After installation, in the same powershell, type *cd blog* (tab enter)

Then, *php artisan*

These are the artisan commands.

*php artisan serve*

Copy the <http://127.0.0.1:8000/> and browse

* Open folder of xampp blof in the visual code.