**Laravel**

* A framework is a particular set of rules, ideas, or beliefs which you use in order to deal with problems or to decide what to do.
* Framework=>classes, databases, functions, packages.

**What is Laravel?**

* PHP based web-framework
* Open-source PHP framework
* Follow MVC (model-view-controller) architecture pattern.

**Why is Laravel?**

* MVC support and object-oriented approach
* Built-in authentication and authentication
* Packaging system
* Multiple file system
* Artisan console
* Templating engine
* Task scheduling
* Events and broadcasting
* testing

**Laravel Setup**

* install local server(xampp)
* install composer

i.e. cmd=>composer

…..

* install Laravel globally

1.command prompt=>composer global require laravel/installer

=>laravel

2.Project create

Htdocs=>cmd=>laravel new projectname

=>cd projectname

=>php artisan serve

* install editer (vs code)

Start

* resourse/view/filename.blade.php
* routes/web.php
* resourse => css, js, assets

Routing

* files- web.php
* methods of route- get(URL ), post(share), put(store, update), patch(store, update), delete
* ex. Route ::get(‘/demo’,function(){

echo “Hello world”;

})

* ex. Route ::post(‘/test’,function(){

echo “Testing”;

})

* Route::put(‘users/{id},function($id)){

echo “ “;

});

* Route::patch(‘users/{id},function($id)){

echo “ “;

});

* Route::delete(‘users/{id},function($id)){

echo “ “;

});

* Route::any(‘/test’,fuction(){

echo “ “;

});

* Route ::get(‘/’,function(){

return view(‘demo’);

})

* Route::get(‘/get-data’,function(){

Return “hello”;

})

* Route::get(‘/demo/{name}/{id?}’,function($name,$id=null){

echo $name;

$data=compact(‘name’,’id’);

Return view(‘demo’)->with($data);

});

Blade

* Blade Is a Templating engine provides its own structure such as conditional statements and loops.
* Blade is a Templating engine in a laravel framework.
* Echo=> {{$name}} {{$name ?? user}}
* {!! $name !!} =>html tag using
* If{}=>@if()……..@elseif….. @endif
* @unless($name==”abc”)

The name is not abc