1) How to create a laravel project by the composer

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

2) how to make your directory as server

c:/user/desktop/laravel> php artisan serve

3) How to exit the server command

Type **ctrl+c**

4) How to set generate application key

c:/user/desktop/laravel> php artisan key:generate

5) how to application in maintenance mode

c:/user/desktop/laravel> php artisan dowm

6) How to application in maintenance out of

c:/user/desktop/laravel> php artisan up

7) How to make model inside folders

php artisan make:model Model/admin/Post //model name : Post

**Admin login**

0) Use command php artisan make:auth

1) Create a middleware app/Http/controller/middleware/CheckAdmin.php

2) add in app/Http/kernel.php

3) Copy auth folder from controller folder to admin folder same as for view

4) add namespace in controller as your structure

5) config/auth.php // add guard

**Basic functions**

app\_path(), database\_path(), resource\_path(), base\_path(), config\_path(), public\_path()

<https://laravel.com/docs/5.5/helpers#method-base-path>

Session

1) How to set session variables

session::set('name', 'vinay');

Session::put('key', 'value');

session()->set('roll',500);

2) How to get session variable

session()->all();

session()->get('key');

Session::get('roll');

Note: If you run any thing from composer autoload and file not created such as composer dump-autoload then again undo added file into composer.json file and run again **composer dump-autoload**

**multiple login in laravel**

<http://stackoverflow.com/questions/34614753/can-anyone-explain-laravel-5-2-multi-auth-with-example>

**3) How to add custom helper in laravel 5.4**

\*\* create a file == /app/Helpers/MyFuncs.php

<?php

namespace App\Helpers;

class MyFuncs {

public static function full\_name($first\_name,$last\_name) {

return $first\_name . ', '. $last\_name;

}

}

\*\* php artisan make:provider HelperServiceProvider

<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;

class HelperServiceProvider extends ServiceProvider {

/\*\*

\* Bootstrap the application services.

\*

\* @return void

\*/

public function boot()

{

//

}

/\*\*

\* Register the application services.

\*

\* @return void

\*/

public function register()

{

foreach (glob(app\_path().'/Helpers/\*.php') as $filename){

require\_once($filename);

}

}

}

/\* end here for the provider\*/

\*\*\*\*\* Open /config/app.php file

App\Providers\HelperServiceProvider::class,

alias 'MyFuncs' => App\Helpers\MyFuncs::class,

\*\*\*\*\* user in controller \*\*\*

---- in top of controller

use MyFuncs;

--- in method

echo MyFuncs::full\_name("John","Doe");

**Laravel request and response**

public function store(Request $request)

{

$name = $request->input('name');

}

**How to clear the cache in laravel5**

php artisan cache:clear

php artisan config:cache

php artisan cache:clear

**\* how to remvoe public direcotry from our url**

\* cut your htaccess from public directory and paste on root

\* rename server .php as index.php on root directory

**\*\*\*\* How to install the package in laravel 5.3 \*\*\*\*\*\*\***

"require": {

"php": ">=5.6.4",

"laravel/framework": "5.3.\*",

"laravelcollective/html": "~5.0" // add here for the package name

}

**\*\*\*\*\* go the the config/app.php**

Collective\Html\HtmlServiceProvider::class,

alias

'Form' => Collective\Html\FormFacade::class,

'Html' => Collective\Html\HtmlFacade::class,

**\*\*\*\* form controll \*\*\*\***

{{ Form::open(array('name'=>'add-form','method'=>'post','url'=>'/admin/category/add','enctype'=>'multipart/form-data'))}}

{{Form::label('name', 'Category Name',['class'=>'calssName'])}}

{{ Form::text('slug', null, array('class'=>'form-control')) }}{{ Form::textarea('short\_description','',['class'=>'form-control','style'=>'height:100px']) }}

{{ Form::file('name', '', array('class' => 'form-control')) }}

{{ Form::close() }}

**\*\*\*\*\*\* Model / view / Controller \*\*\*\*\*\*\*\***

Note : if you are using the ORM communicate with database By the model, so table name must be **plular** and **modename singular**, and **controller name is also singular**

Table : categories

Model : Category.php

control : CategoryController.php

**How to insert , update and delte using model**

**\*\*\*\*\* INSERT**

use App\Model\Category; // your model name

use Illuminate\Support\Facades\DB;

**// if want to insert the direct by the array**

**Mass Assignment**: you will need to specify either a fillable or guarded attribute on the model, as all Eloquent models protect against mass-assignment by default.

ModelName::create($array); // in controller

protected $guarded = array('id'); or protected $fillable = ['name']; // in model

**// if you want to insert one by one fields**

$flight = new Flight;

$flight->name = $request->name;

$flight->save();

**\*\*\*\*\*\*\* Find the record by Model \*\*\*\*\*\*\*\***

The first argument passed to the method is the number of records you wish to receive per "chunk". The Closure passed as the second argument will be called for each chunk that is retrieved from the database. A database query will be executed to retrieve each chunk of records passed to the Closure.

$data2 = Category::where(['id'=>9,'slug'=>'category'])->get();

ModelName::chunk(200, function ($flights) {

foreach ($flights as $flight) {

}

});

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$data=Category::find(1);

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

App\Flight::where('active', 1)->first();

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

$flights = Flight::all();

$flights = Flight::find([1, 2, 3]);

$count = Flight::where('active', 1)->count();

$max = App\Flight::where('active', 1)->max('price');

$data = Category::orderBy('orders')->get();

**\*\*\*\*\*\* How to update record data \*\*\*\*\*\*\*\*\*\***

$response = Category::where(['id'=>$request->id])->update($formData);

**\*\*\*\*\*\* How to delete the record \*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

$data= Category::find($request->id);

$delete=$data->delete();

**\*\*\*\*\*\*\*\* How to set the data into view \*\*\*\*\*\*\*\*\*\***

return view('backend/category/view',['data'=>$data]);

**\*\*\*\*\*\*\*\*\*\*\*\*\*\* IF you want to save model different from table name \*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

class Flight extends Model

{

public $timestamps = false;

}

**\*\*\*\*\*\*\*\*\* How to set the session flash \*\*\*\*\*\*\*\*\*\*\*\*\***

1) $request->session()->flash('success', 'record saved');

2) \Session::flash('success','Record successfully added');

**\*\*\*\*\* How to show the error for the separate fields \*\*\*\*\*\*\***

**/// In controller**

$this->validate($request, [

'name' => 'required',

'password' => 'required|min:8',

'email' => 'required|email|unique:users',

'image' => 'required|image|mimes:jpg,png,jpeg,gif,svg|max:2048',

]);

<label class="error">{{ $errors->first('slug') }}</label>