**Laravel Installation**

#### Via Laravel Installer

>composer global require laravel/installer

>laravel new blog

#### Via Composer Create-Project

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

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

## Starting Laravel Server

php artisan serve

**Making New Controller in Laravel:-**

>php artisan make:controller <controller\_name>

**Creating controller with CRUD functions**

>php artisan make:controller PostController --resource

## Creating Route for all CRUD functions at once

## Route::resource(‘posts’,’PostController’);

**List all routes**

>php artisan route:list

## Migration

php artisan make:migration create\_<table name>\_table --create=<table name>

php artisan make:migration create\_articles\_table --create=articles

The --table and --create options may also be used to indicate the name of the table and whether the migration will be creating a new table.

php artisan make:migration create\_articles\_table --create=articles

php artisan make:migration create\_users\_table --create=users

php artisan make:migration add\_votes\_to\_users\_table --table=users

Perform the migration

>php artisan migrate

Rolling back migrations

>php artisan migrate:rollback

>php artisan migrate:rollback --step=5 --rollback the last five migrations:

>php artisan migrate:reset --- rollback all the migration at once, re-creates your entire database:

php artisan migrate:refresh --step=5

--rollback & re-migrate the last five migrations

php artisan migrate:fresh

--drop all tables from the database and then execute the migrate command

For help in migrations

>php artisan help

>php artisan help make:migration

For making any changes in the present tables

>php artisan make:migraion adding\_name\_in\_articles\_table --table=articles

To completely change the table structure (refresh drop all your tables and delete all your data and rebuild all tables for you)

>php artisan migrate:refresh

# Making model using artisan: -

>php artisan make:model <model name>

>php artisan make:model Article

##### Create model and migration for table using the same command

* *php artisan make:model Post - -migration*

*OR*

* *php artisan make:model Post -m*

***\****

***{{}} ----- echo out the data***

***{!! !!} ------ do not echo out the data***

### Double quotation in php and Laravel do Interpolation i.e. its fetches the value of a variable inside them.

### Single quotation in php and Laravel doesn’t do interpolation and does not put the value of a variable inside it

eg;

**@section('title', "| $post->title")** will get us value of $post->title

**@section('title', ‘| $post->title’)** will give us $post->title as it is but no value

**>php artisan make:auth**

**Command to create all the authentication routes in Laravel**

*\*\*\*find the path in Laravel 5 for email format*

[Generating Mailables](https://laravel.com/docs/5.5/mail" \l "generating-mailables) –

>php artisan make:mail ContactForm

{{ }} = use HTML special cars function of php, it converts HTML tags to unexucatable characters

{!! !!} = execute the html code inside and displays output

**Adding external libraries in Laravel**

**>composer require mews/purifier**

>composer require intervention/image

# Clearing Configuration Cache :

php artisan config:clear

#### **Chaning password (or any other Model data)**

php artisan tinker

$user = App\User::where('email', 'user@example.com')->first();  
$user->password = Hash::make('password');  
$user->save();