LARAVEL BASICS

**Creating a new project**

“composer create-project laravel/laravel {name}”

**When opening a project that was created in another composer:**

1. "composer install"
2. add the .env file
3. "php artisan key:generate"

**Run Project**: "php artisan serve"

**Installing packages or APIs to project:**

1. Search for the name of the package in packagist.org,
2. The package will be added to required in composer/json. and then added to the vendor folder
3. If a package was deleted in the vendor folder: run "composer update" to update the dependencies.

ARTISAN

**List all artisan commands:** “php artisan list”

**List all routes:** “php artisan route:list”

**Help:** “php artisan –help”

**Create a Controller:**

* “php artisan make:controller {NameController}
* Create with all resources: “--resource”

**To use a controller, add this to the top of the code:**

* use App\Http\Controllers\ProductsController;

**Create a Model with a migration:**

* “php artisan make:model {NameModel} -m
* Example of model names: Car, Post (singular)
* Model is in ‘app/Models’
* Migration is in ‘database/Migrations’

**Passing variables to the view:**

compact( ‘variableName’, ‘variableName’,…)

public function about()  
{  
 $title = 'Welcome to Laravel 8 ';  
 $description = 'In this course we will learn Laravel from A to Z'  
 return view('products', compact('title','description'));  
}

**Using the variable in the view:** { { $variable } }

<h1>{{$title}}</h1>  
<p>{{$description}}</p>

**IMAGES**

1. **The first way to use images is to simply add the images in the public directory **
2. **The second way is to create a storage link first:**

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* A storage folder will be added in the public directory
* You can then store the images in the storage directory

The 2nd way is usually preferred for larger projects.

Then to access these images you can use {{URL()}} in your blade files.



Using the images in a css file: start with /

