NAME: Koshish Shrestha
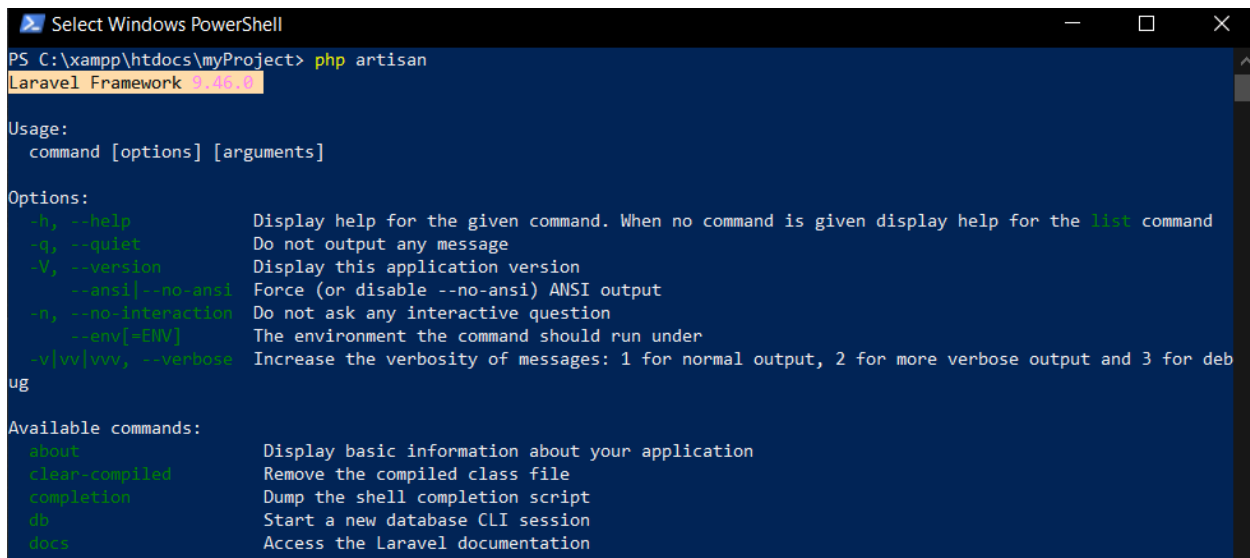
LBU ID: 77261174

LEVEL: 6 (1st Semester)

SUBJECT: Advanced Web Engineering

COMPONENT 2 DOCUMENTATION

Laravel Installation:
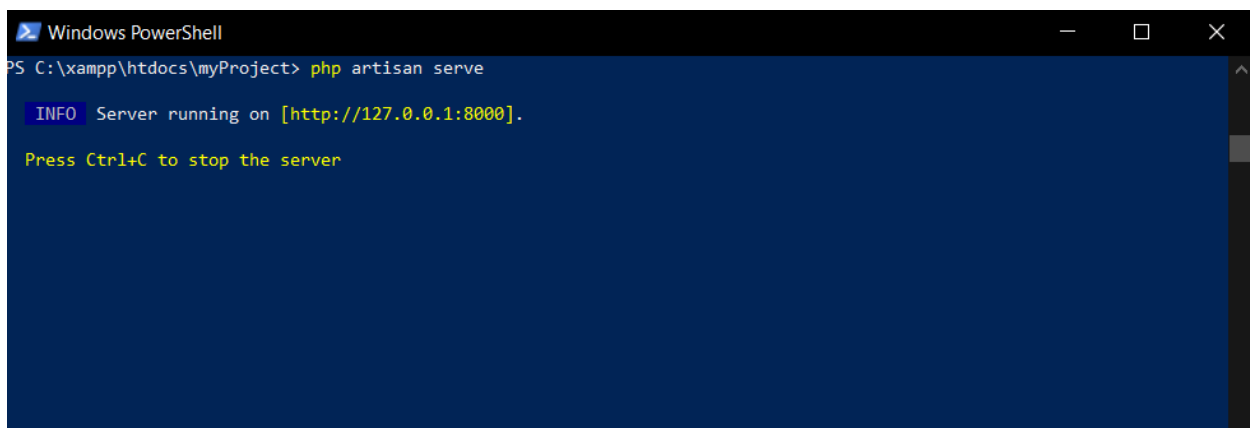

Laravel Live Server

ROUTING FOR HTTP ACTION/VERBS:

Get:

```php
Route::get('/', function () {
    return "<h1>Hello World</h1>";
});
```

Route Wildcards:

```php
Route::get('posts/{post}', function ($slug) {

    //Find a post by its slug and pass it to a view called "post"
    $post = Post::find($slug);

    return view ('post', [

        'post' => $post

    ]);

})->where('posts', '[A-z_\-]+');
```

My First Post

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Cupiditate iste necessitatibus asperiores voluptate eaque sit dolorem suscipit accusamus libero, nulla aut quas corporis laboriosam dolores sunt voluptatum odio temporibu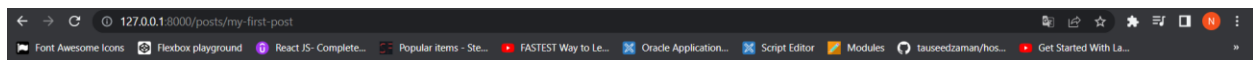s eum ex dolorum perspiciatis praesentium eligendi, reiciendis optio! Excepturi asperiores fugit illo, voluptatum fugiat laudantium distinctio omnis deserunt, suscipit nostrum eum!

Go Back

ROUTE WILDCARD CONSTRAINT:

```php
Route::get('posts/{post}', function ($slug) {

    //Find a post by its slug and pass it to a view called "post"
    $post = Post::find($slug);

    return view ('post', [

        'post' => $post

    ]);

})->where('posts', '[A-z_\-]+');
```

VIEW COMPONENT WITH BLADE LAYOUT:
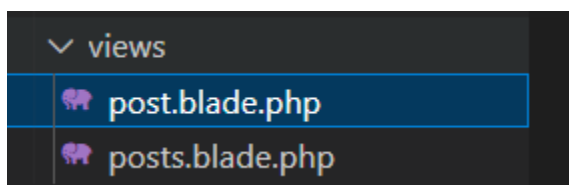
```
∨ views
    🐘 post.blade.php
    🐘 posts.blade.php
```

COLLECTION:

```php
public static function all()
{
    return collect(File::files(resource_path("posts")))
    ->map(function ($file){
        return YamlFrontMatter::parseFile($file);
    })
    ->map(function($document){

        return new Post(
            $document->title,
            $document->excerpt,
            $document->date,
            $document->body(),
            $document->slug
        );

    })
```

CACHING :

```php
return cache() -> remember("post.{slug}",1200, function () user($path){
    return file_get_contents($path);
});
```

Sorting:

```php
public static function all()
{
    return collect(File::files(resource_path("posts")))
    ->map(function ($file){
        return YamlFrontMatter::parseFile($file);
    })
    ->map(function($document){

        return new Post(
            $document->title,
            $document->excerpt,
            $document->date,
            $document->body(),
            $document->slug
        );

    })
    -> sortByDesc('date');
```