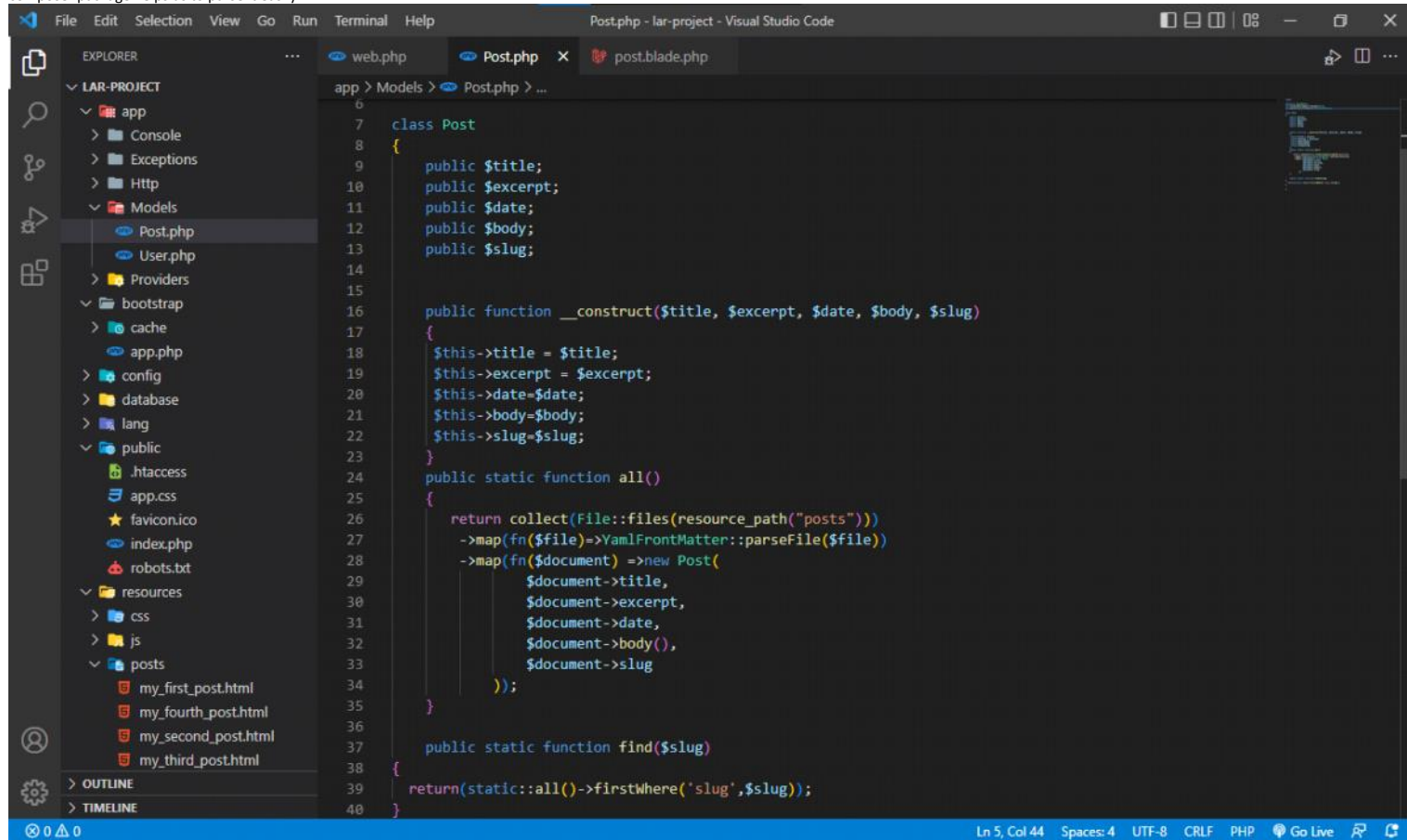# Find a Composer Package for Post Metadata

Thursday, September 1, 2022   8:23 PM

We can add metadata to each file at the top. This metadata format has a name: Yaml Front Matter. This composer package helps us to parse it easily.

```php
class Post
{
    public $title;
    public $excerpt;
    public $date;
    public $body;
    public $slug;

    public function __construct($title, $excerpt, $date, $body, $slug)
    {
        $this->title = $title;
        $this->excerpt = $excerpt;
        $this->date=$date;
        $this->body=$body;
        $this->slug=$slug;
    }
    public static function all()
    {
        return collect(File::files(resource_path("posts")))
            ->map(fn($file)=>YamlFrontMatter::parseFile($file))
            ->map(fn($document) =>new Post(
                    $document->title,
                    $document->excerpt,
                    $document->date,
                    $document->body(),
                    $document->slug
            ));
    }

    public static function find($slug)
    {
        return(static::all()->firstWhere('slug',$slug));
    }
}
```

First editor — web.php:

```php
<?php

use App\Models\Post;
use Illuminate\Support\Facades\Route;

/*
|--------------------------------------------------------------------------
| Web Routes
|--------------------------------------------------------------------------
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/

Route::get('/', function () {
    return view('posts', [
    'posts'=>Post::all()
    ]);
});

Route::get('posts/{post}', function($slug){
return view('post',[
    'post'=>Post::find($slug)
]);
})-> where('post','[A-z_\-]+');
```

Second editor — posts.blade.php:

```php
<!DOCTYPE html>

    <title>My Blog</title>
    <link rel="stylesheet" href="/app.css">

<body>
    <?php foreach ($posts as $post) :?>
    <article>
        <h1>
        <a href="/posts/<?= $post->slug;?>">
        <?= $post->title; ?>
        </a>
        </h1>
        <div>
        <?= $post->excerpt; ?>
        </div>
    </article>
    <?php endforeach; ?>

</body>
```