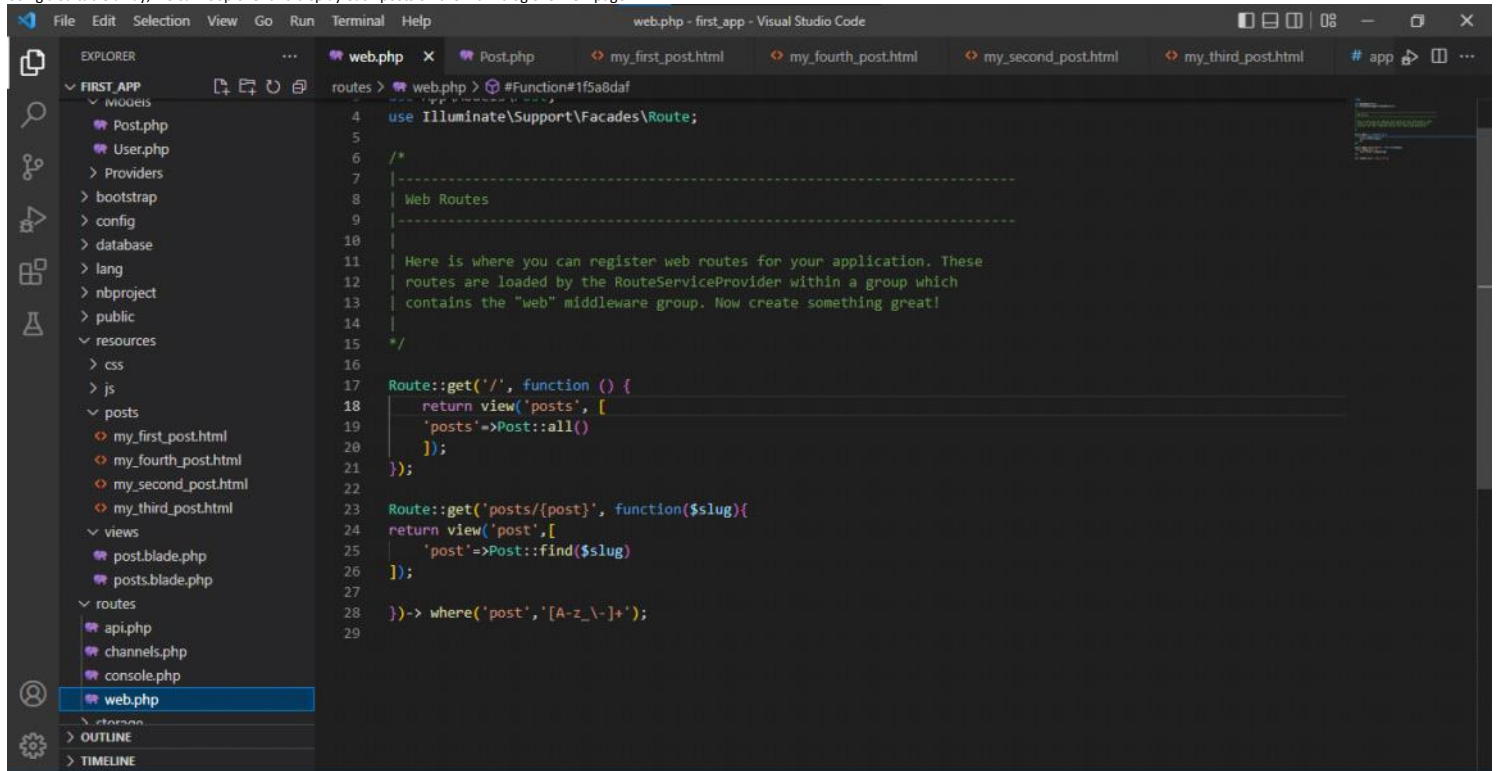


## Use filesystem class to read a directory

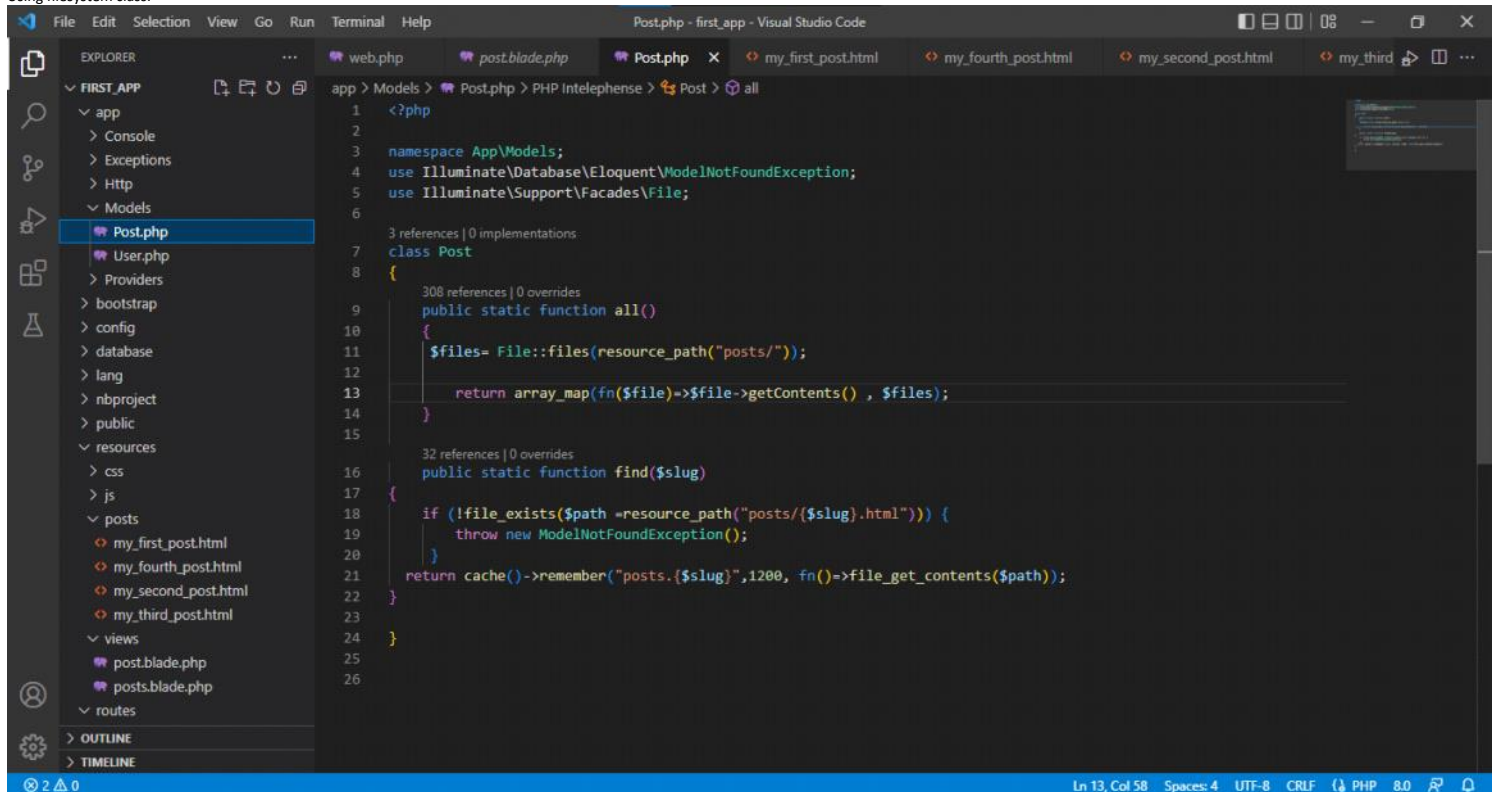
Sunday, August 21, 2022 8:08 PM

Using a suitable array, we can loop over and display each posts on the main blog overview page.



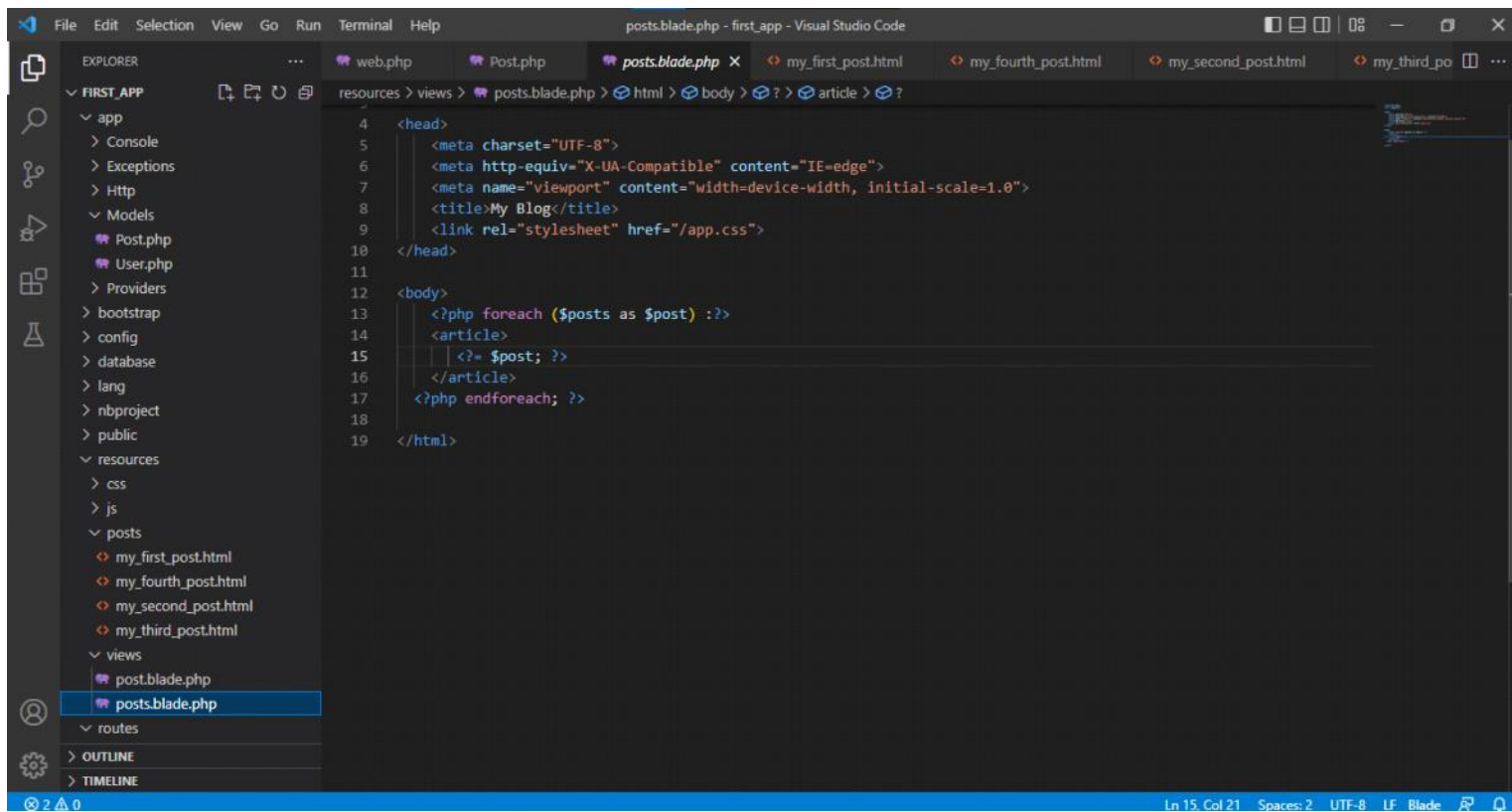
```
1 use Illuminate\Support\Facades\Route;
2
3 /*
4  * Web Routes
5  */
6
7 Here is where you can register web routes for your application. These
8 routes are loaded by the RouteServiceProvider within a group which
9 contains the "web" middleware group. Now create something great!
10
11
12 Route::get('/', function () {
13     return view('posts', [
14         'posts' => Post::all()
15     ]);
16 });
17
18 Route::get('posts/{post}', function($slug){
19     return view('post',[
20         'post' => Post::find($slug)
21     ]);
22 });
23
24 --> where('post', '[A-z_-]+');
```

Using filesystem class:



```
1 <?php
2
3 namespace App\Models;
4 use Illuminate\Database\Eloquent\ModelNotFoundException;
5 use Illuminate\Support\Facades\File;
6
7 class Post
8 {
9     public static function all()
10     {
11         $files = File::files(resource_path("posts/"));
12         return array_map(fn($file) => $file->getContents(), $files);
13     }
14
15     public static function find($slug)
16     {
17         if (!file_exists($path = resource_path("posts/($slug).html"))) {
18             throw new ModelNotFoundException();
19         }
20         return cache()->remember("posts.{$slug}", 1200, fn() => file_get_contents($path));
21     }
22 }
23
24
25
26
```

Using For each loop:



posts.blade.php - first\_app - Visual Studio Code

resources > views > posts.blade.php > html > body > ? > article > ?

```
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>My Blog</title>
9   <link rel="stylesheet" href="/app.css">
10 </head>
11
12 <body>
13   <?php foreach ($posts as $post) :?>
14     <article>
15       | <? $post; ?>
16     </article>
17   <?php endforeach; ?>
18
19 </html>
```

Ln 15, Col 21 Spaces: 2 UTF-8 LF Blade