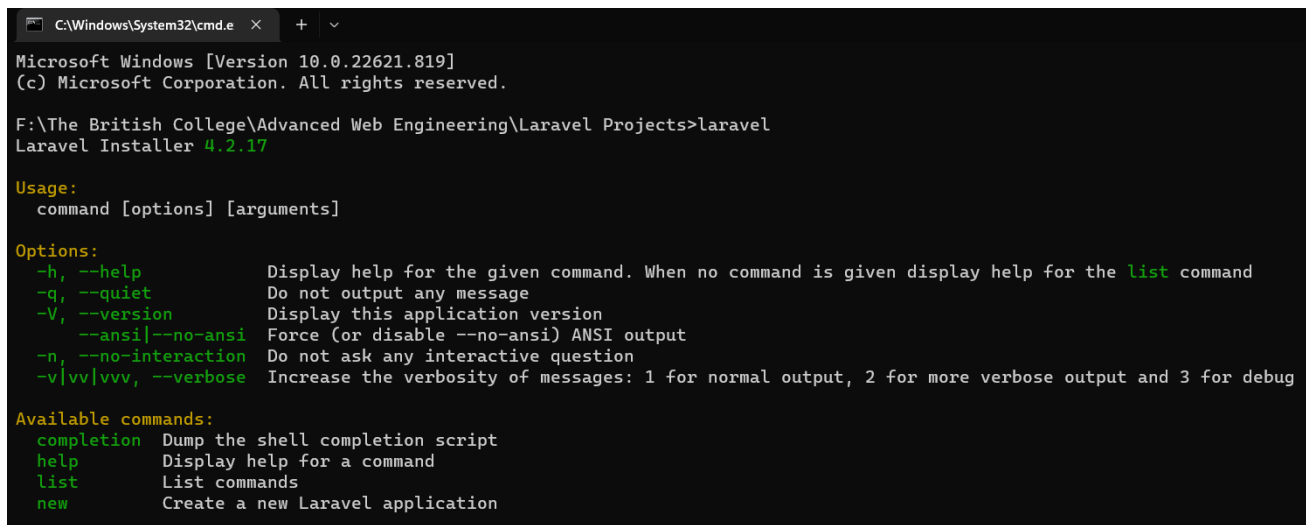


1. Laravel Installation



```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

F:\The British College\Advanced Web Engineering\Laravel Projects>laravel
Laravel Installer 4.2.17

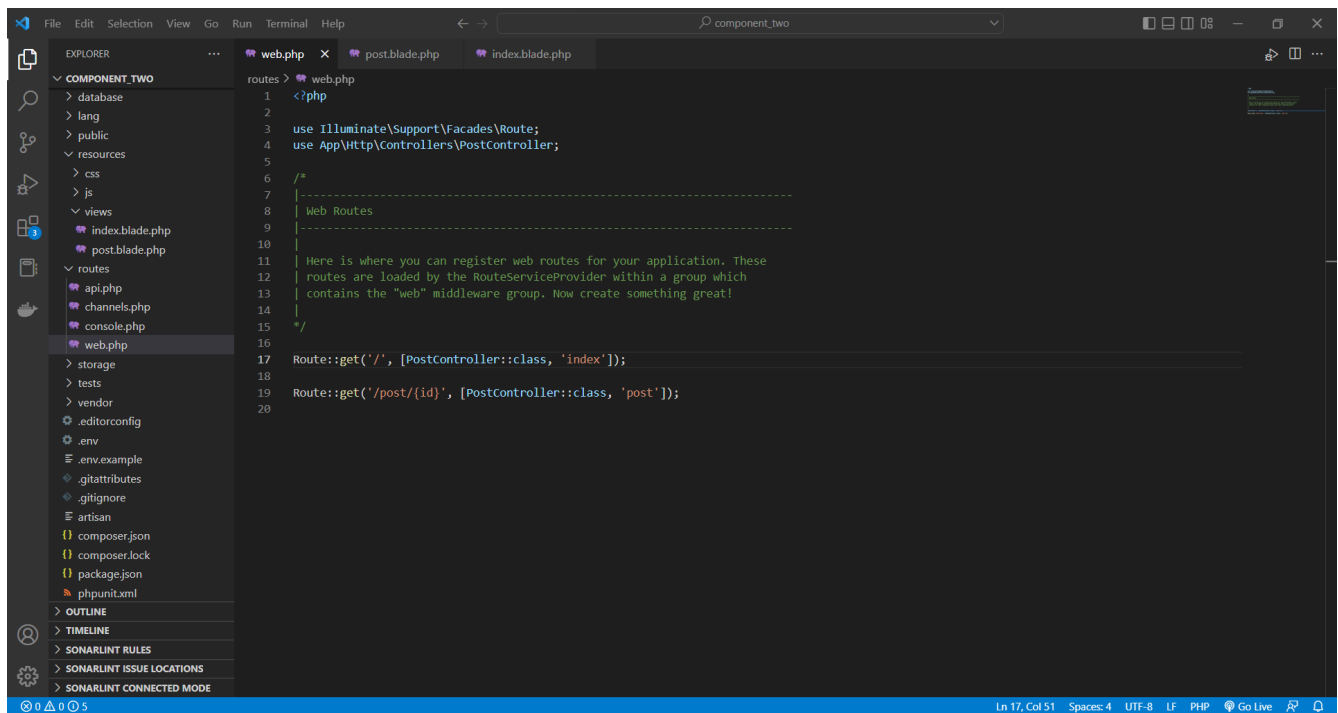
Usage:
  command [options] [arguments]

Options:
  -h, --help            Display help for the given command. When no command is given display help for the list command
  -q, --quiet           Do not output any message
  -V, --version         Display this application version
  --ansi|--no-ansi     Force (or disable --no-ansi) ANSI output
  -n, --no-interaction Do not ask any interactive question
  -v|vv|vvv, --verbose Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  completion Dump the shell completion script
  help       Display help for a command
  list       List commands
  new        Create a new Laravel application
```

Fig 1: Laravel Installed in PC

2. Laravel Routing



```
File Edit Selection View Go Run Terminal Help
component_two

EXPLORER
  COMPONENT_TWO
    database
    lang
    public
    resources
    css
    js
    views
    index.blade.php
    post.blade.php
    routes
    api.php
    channels.php
    console.php
    web.php
    storage
    tests
    vendor
    .editorconfig
    .env
    .env.example
    .gitattributes
    .gitignore
    artisan
    composer.json
    composer.lock
    package.json
    phpunit.xml
    OUTLINE
    TIMELINE
    SONARLINT RULES
    SONARLINT ISSUE LOCATIONS
    SONARLINT CONNECTED MODE

routes > web.php
1 <?php
2
3 use Illuminate\Support\Facades\Route;
4 use App\Http\Controllers\PostController;
5
6 /*
7 |-----
8 | Web Routes
9 |-----
10 |
11 | Here is where you can register web routes for your application. These
12 | routes are loaded by the RouteServiceProvider within a group which
13 | contains the "web" middleware group. Now create something great!
14 |
15 */
16
17 Route::get('/', [PostController::class, 'index']);
18
19 Route::get('/post/{id}', [PostController::class, 'post']);
20
```

Fig 2: Routes in web.php

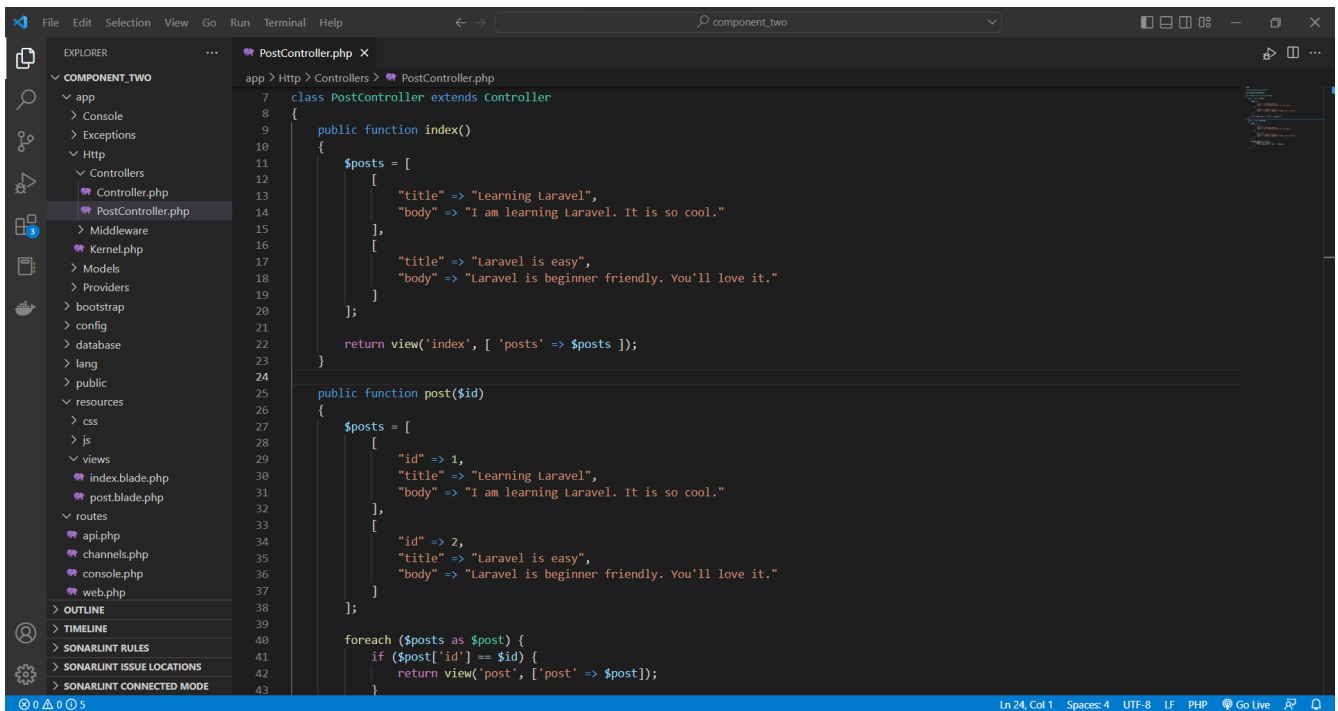


Fig 3: Controller for web.php

3. View Templates

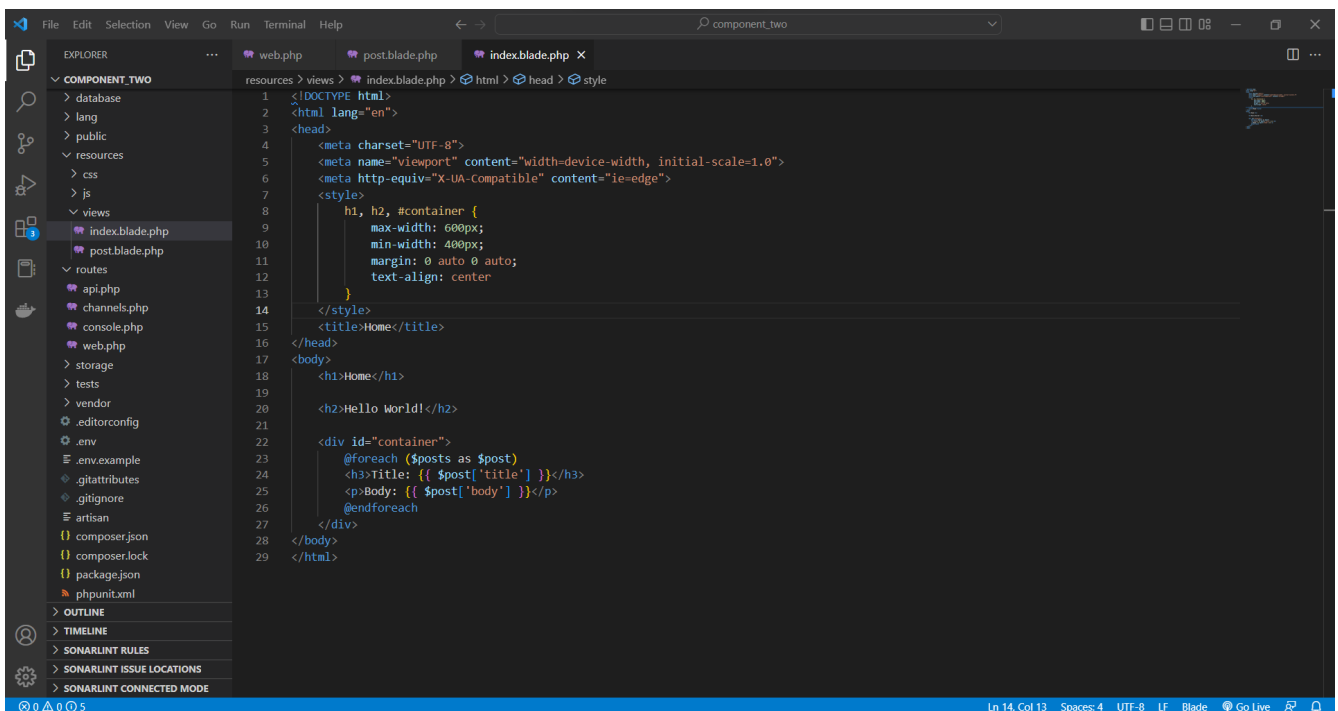


Fig 4: Index view template

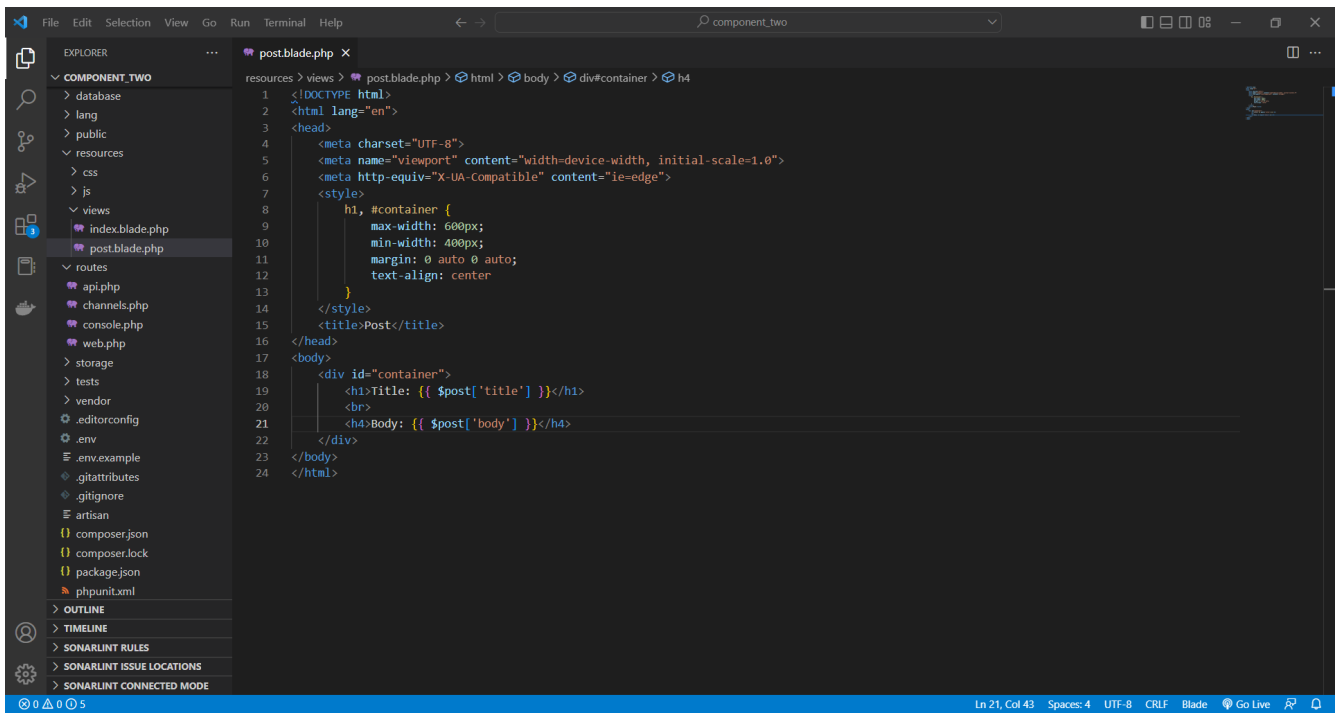


Fig 5: Post view template

4. HTTP Requests (GET, POST, PATCH/PUT, DELETE)

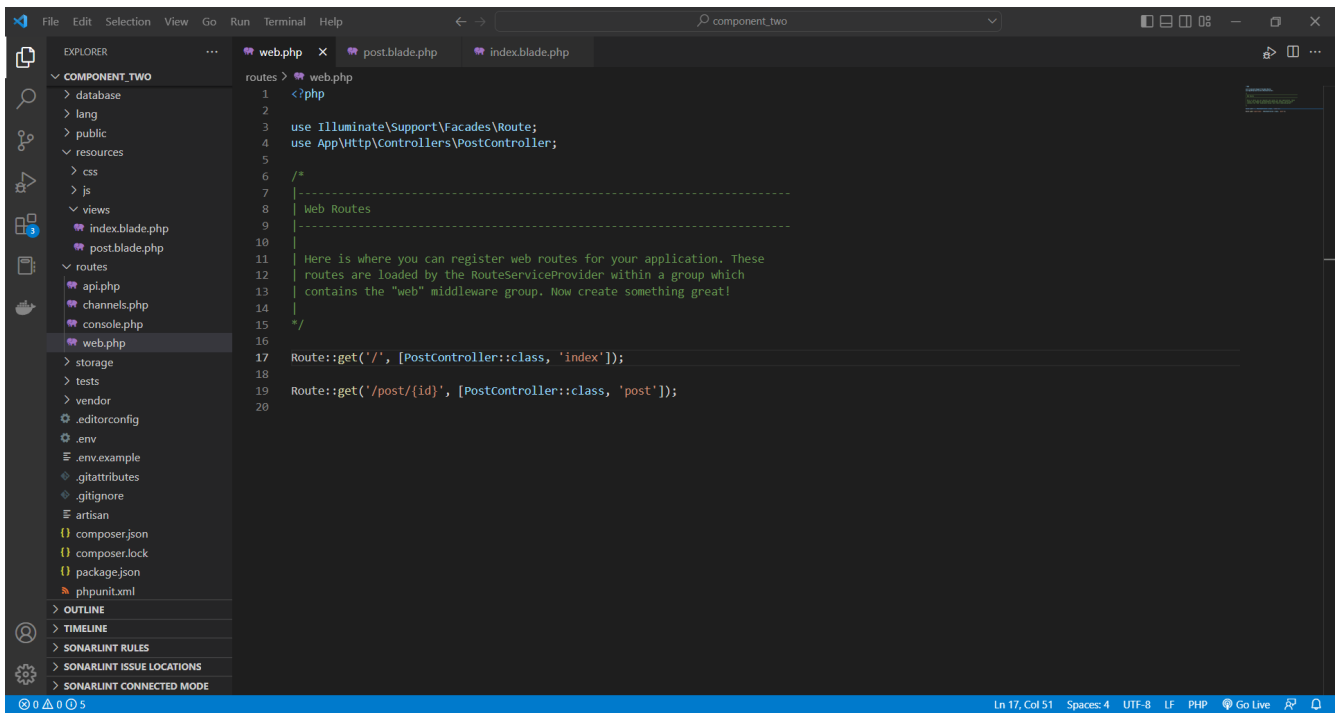


Fig 6: GET HTTP Requests