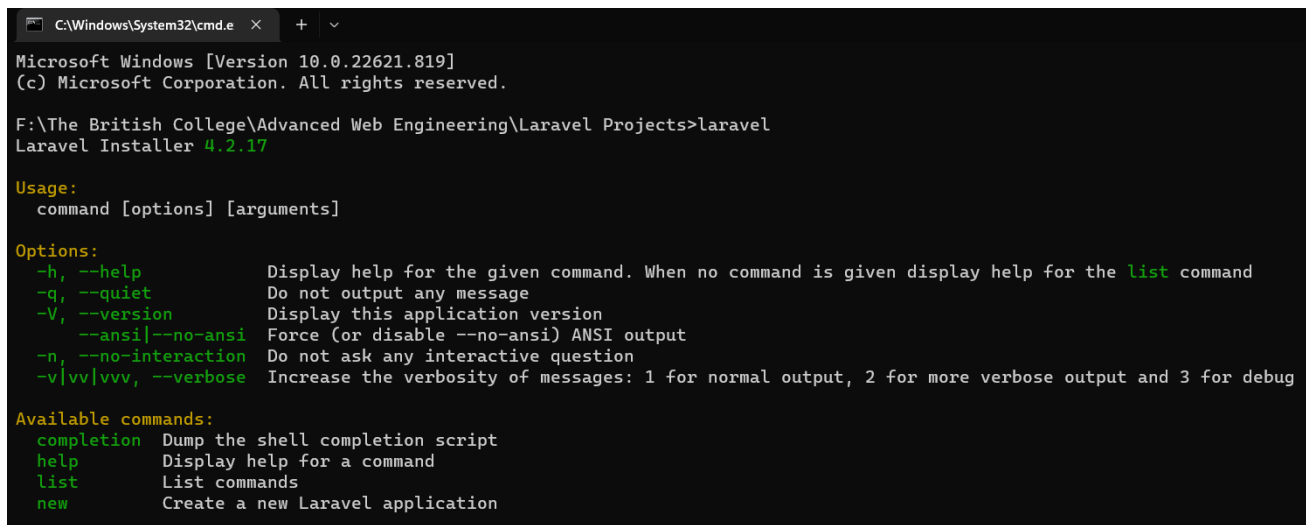# 1. Laravel Installation

```
C:\Windows\System32\cmd.e    ×    +    ∨

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
```
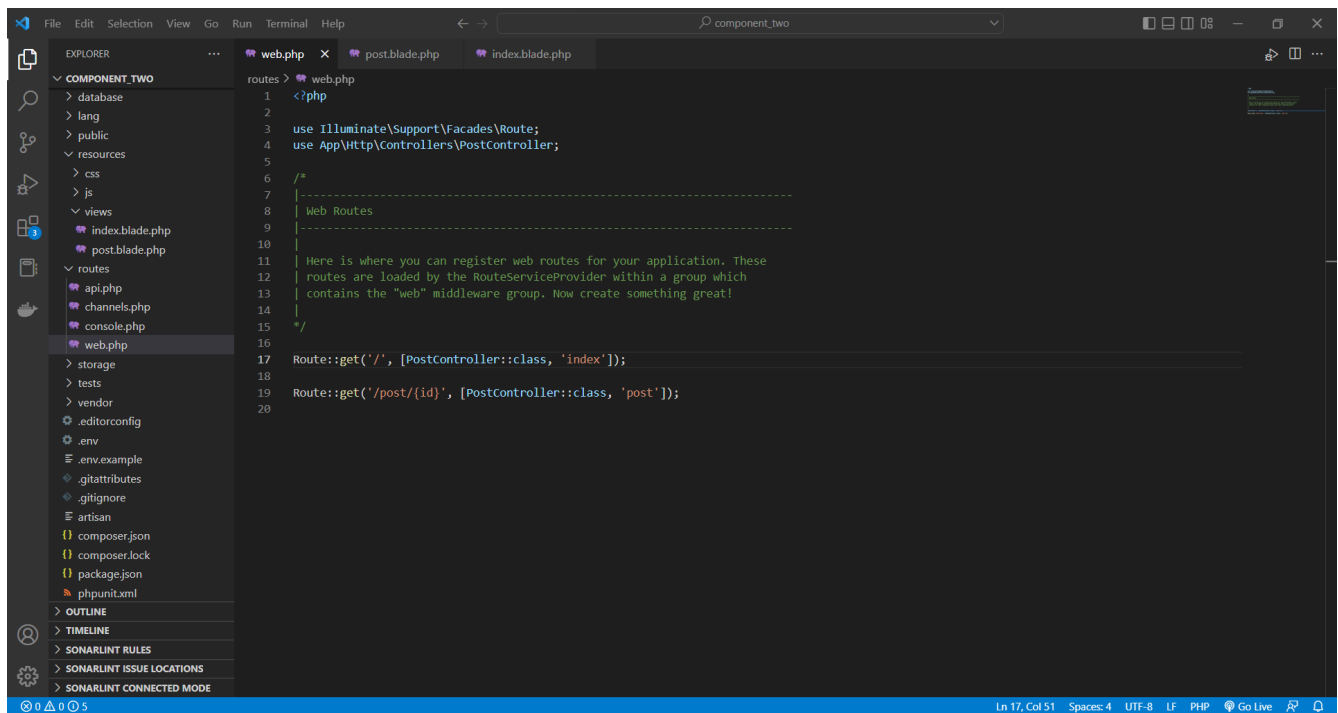
Fig 1: Laravel Installed in PC

2. Laravel Routing


```php
<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\PostController;

/*
|--------------------------------------------------------------------------
| 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('/', [PostController::class, 'index']);

Route::get('/post/{id}', [PostController::class, 'post']);
```
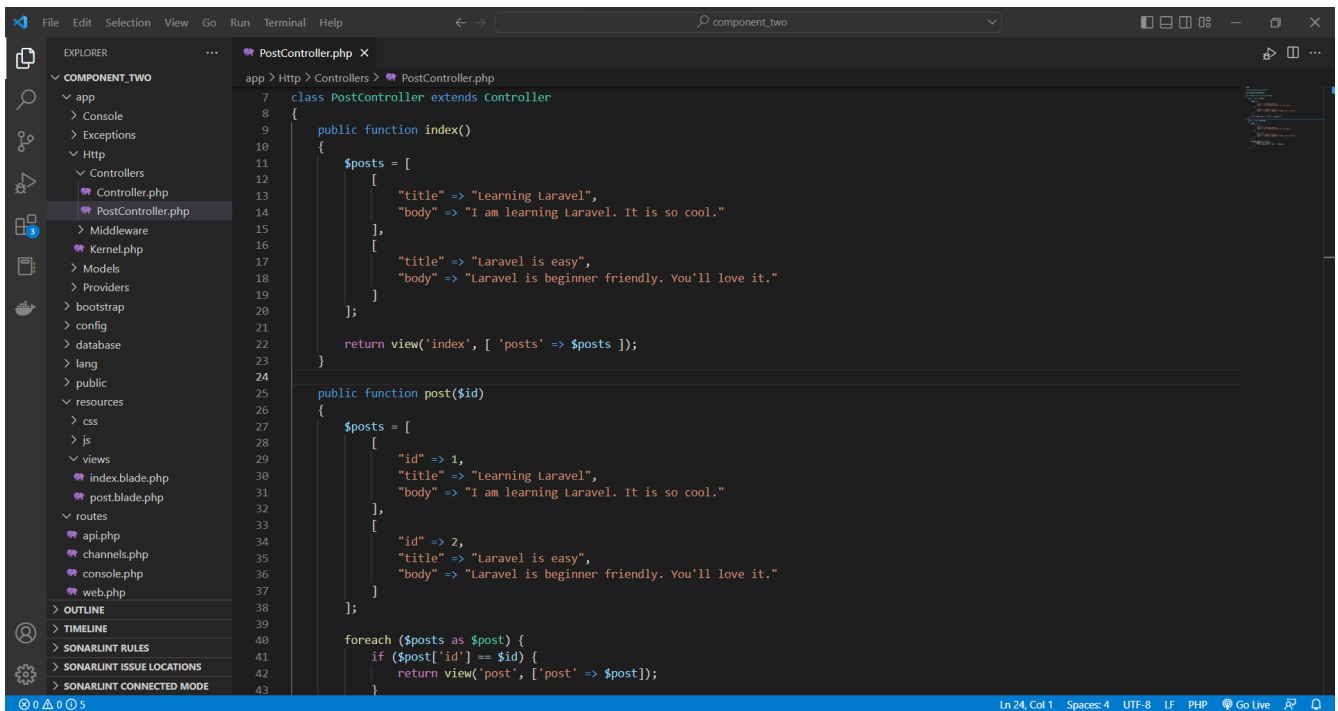
Fig 2: Routes in web.php

Fig 3: Controller for web.php

3. View Templates

Fig 4: Index view tamplate
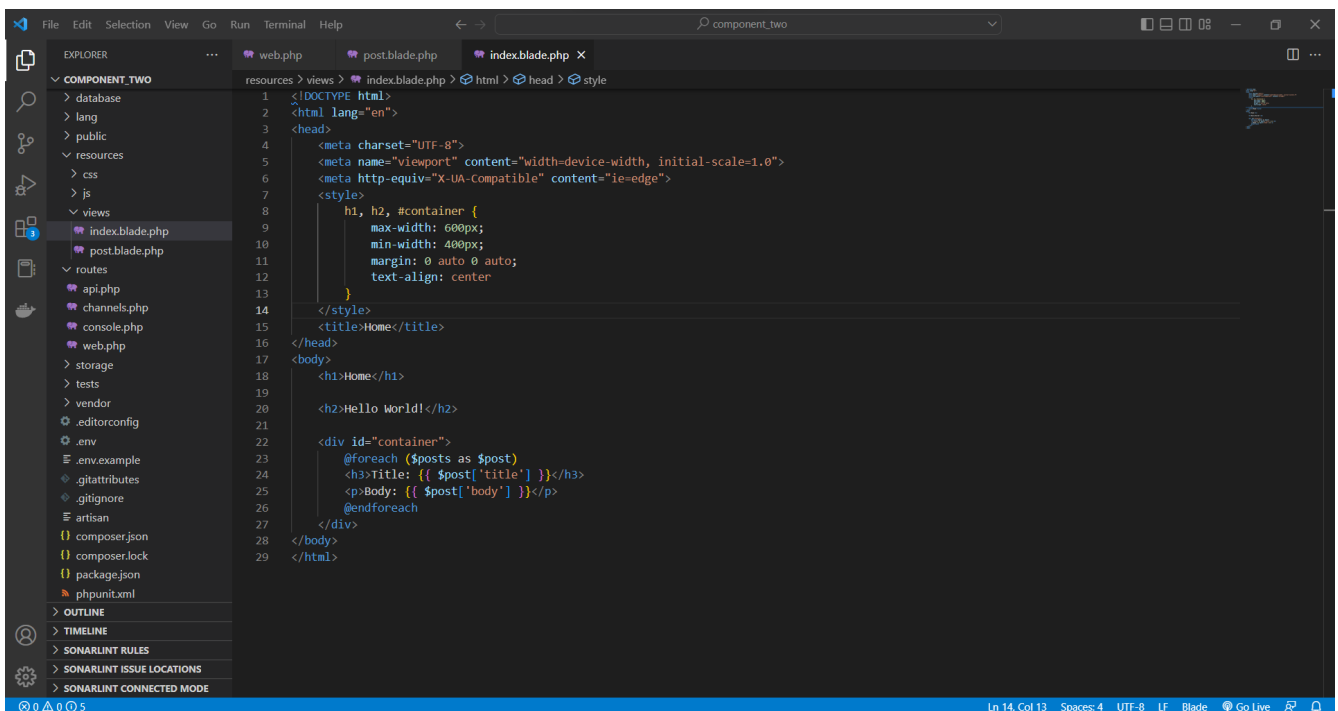
Fig 5: Post view template

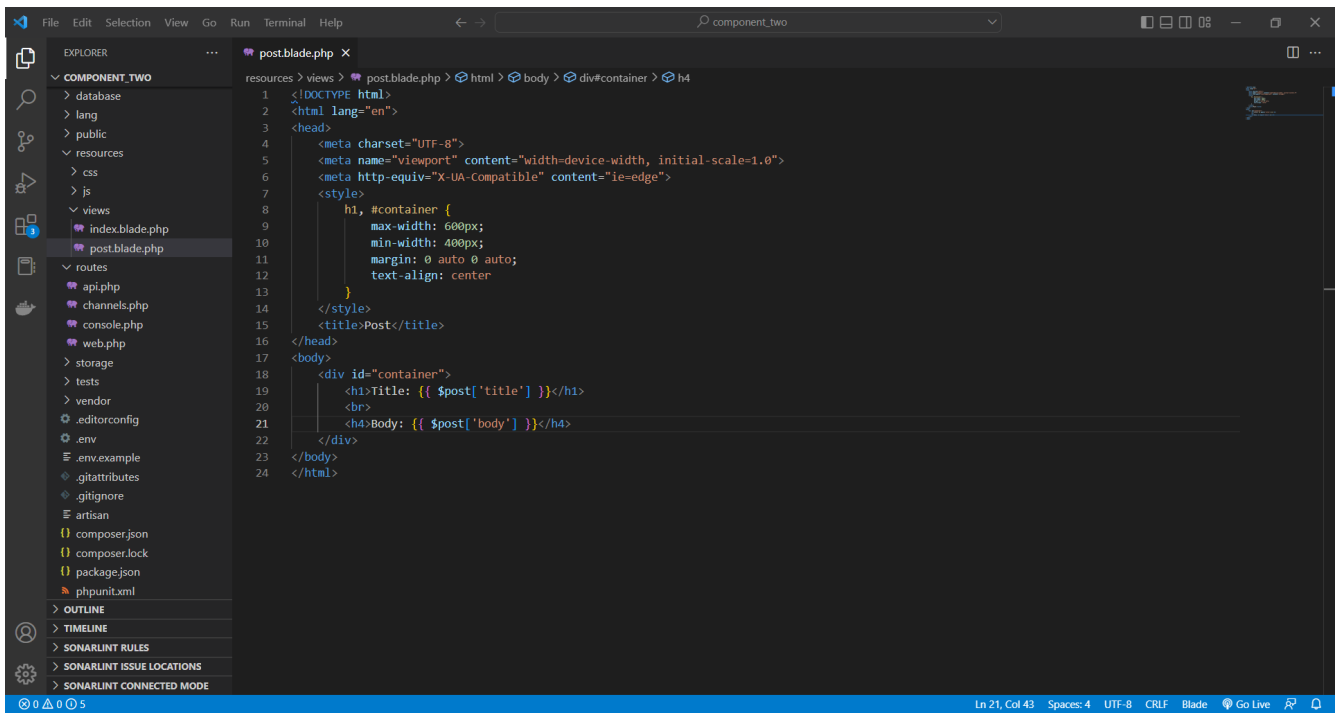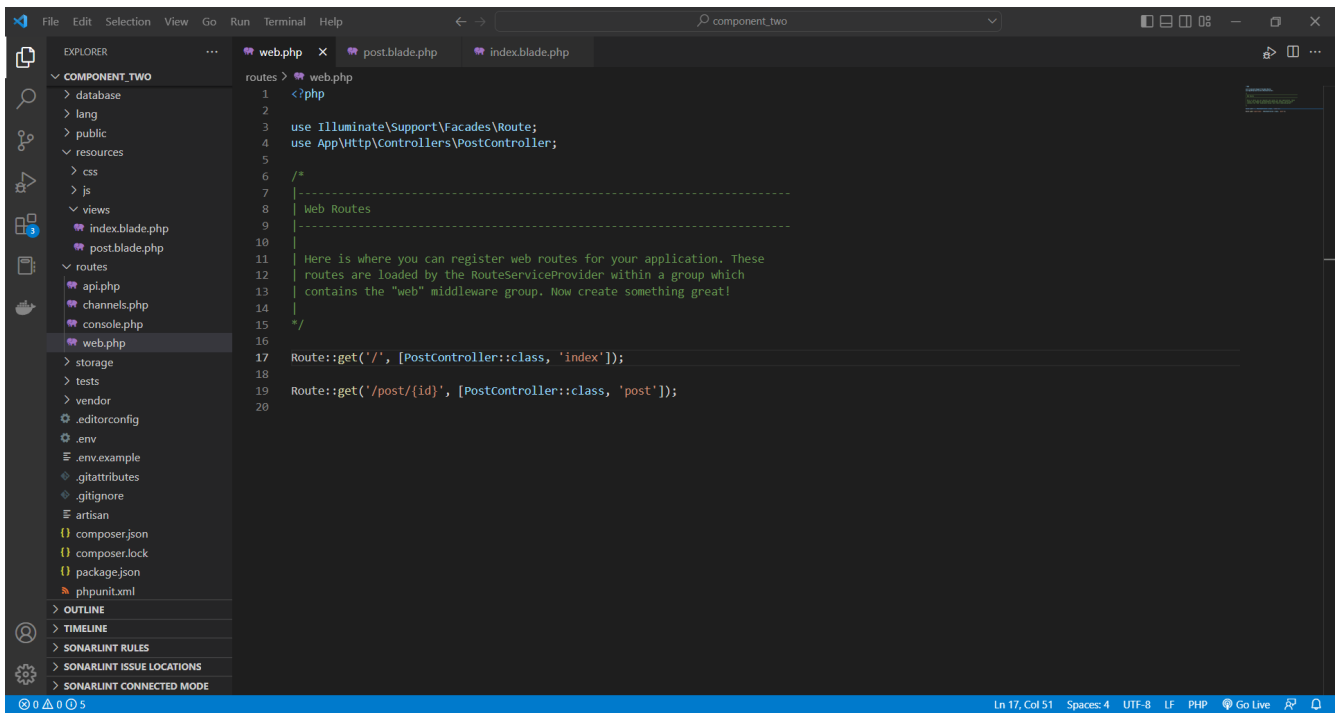# 4. HTTP Requests (GET, POST, PATCH/PUT, DELETE)

Fig 6: GET HTTP Requests