**A picture containing graphical user interface

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**Thapathali, Kathmandu, Nepal**

**AWE**

**Advance Website Engineering**

**(Documentation of Class Progression)**

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| Prepared By:  Amit Kumar Karn  c7202634 | Module Tutor:  Mr. Pratik Shrestha |

**Date:**

**18thOctober, 2020**

Class Details

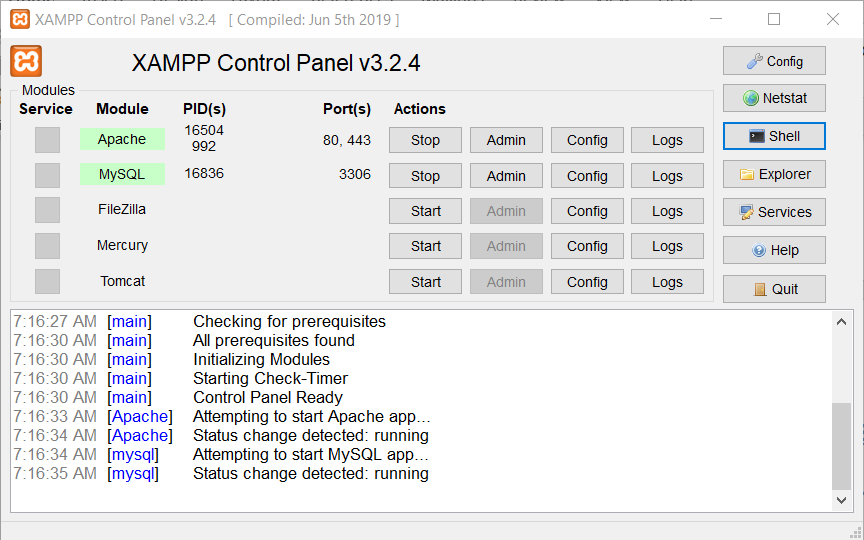
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| --- | --- | --- | --- |
| **Day** | **Date** | **Topics Covered** | **Details** |
| 1. | Sunday,  12th October, 2020 | Module Introduction and Breakdown | Introduction to the module, guidelines for the learning materials and assessment details. |
| 2. | Monday,  13th October, 2020 | Local Environment Setup | Introduction to setup IDEs such as Eclipse Che, Php Storm, etc. Instructions to update php version to 7.4, integration of xdebug with ides, and introduction to git repositories. |
| 3. | Sunday,  18th October, 2020 | Git and GitHub Tutorial | Walkdown through Git and GitHub basic architecture. Tutorial to initiate local repositories and commit and push them to the remote repositories. Also, looked at the concepts of branches in git. |
| 4. | Monday,  19th October, 2020 | PHP Basics with OOPs Concepts | Interactive class about the PHP basics and key concepts. Also went through the OOP concepts along with some examples. |
| 5. | Sunday, 1st November, 2020 | Understanding Web Applications | Basic concepts of the web application, how they work and http protocols. Also, revisited the OSI model and lastly installed composer for Laravel installation. |
| 6. | Monday, 2nd November, 2020 | Routing and Views | Installed Laravel installer, created Laravel project and learnt the concepts of routing and MVC within the framework. |
| 7. | Sunday, 8th November, 2020 | View Templates and Blades with Laracasts | Learnt about the views from the MVC framework of Laravel. Stored in the resources/views directory and uses the blade.php file extension. Blade is a powerful templating engine provided with Laravel. Also watched a couple of videos from laracasts’ website. |
| 8. | Monday, 9th November, 2020 | Controllers | Downloaded and discussed component-1 assignment from GitHub. Learnt what a controller is and how it works in the MVC framework of Laravel. |

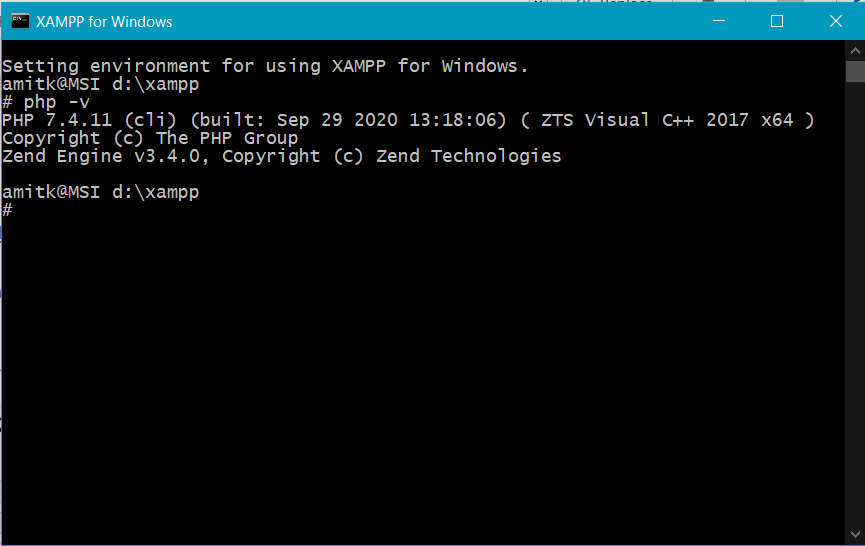
Appendix (Screenshots)

Day 1: module introduction and breakdown

Day 2: local environment setup

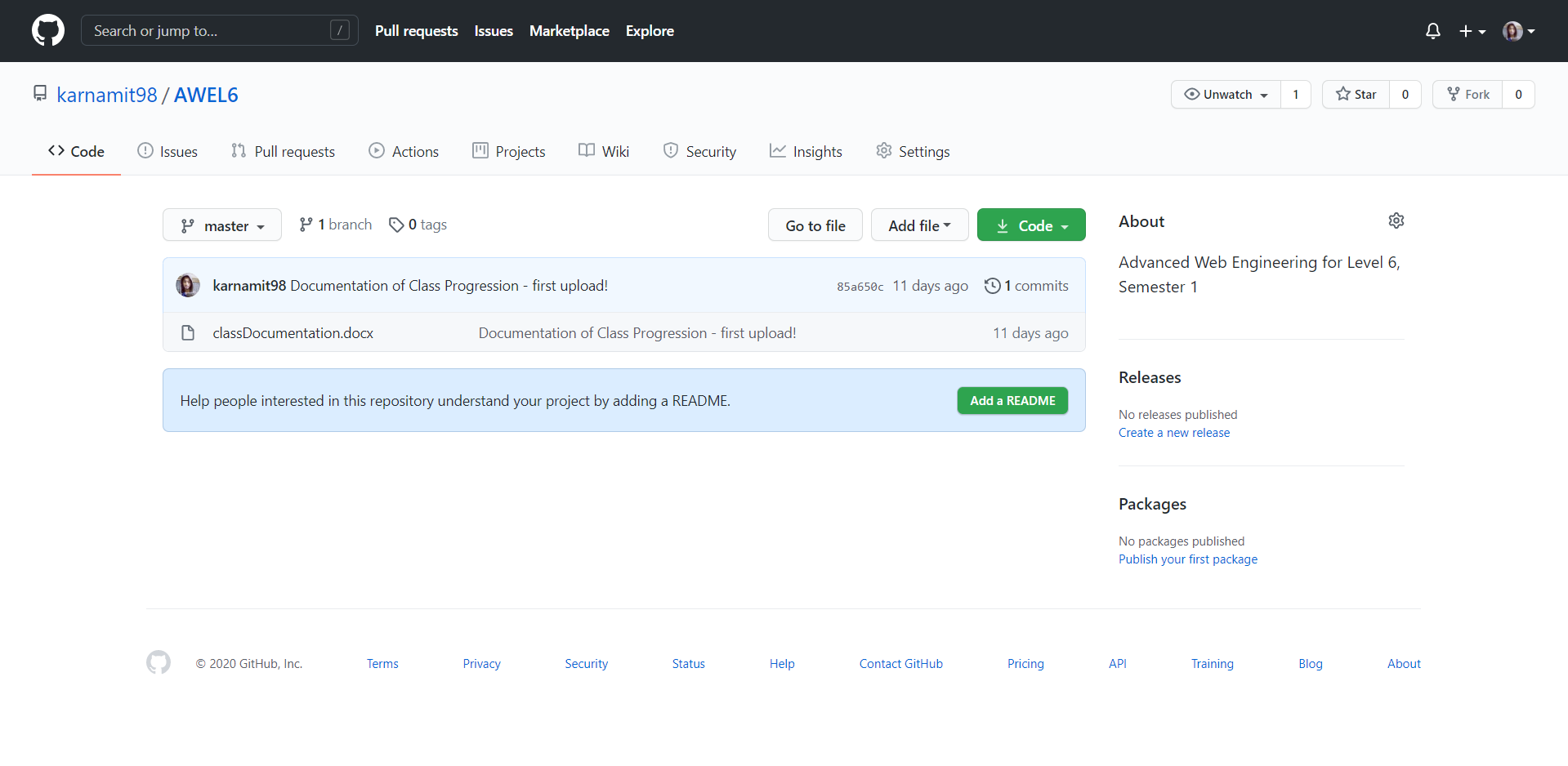
* Xampp with PHP version 7.4.11



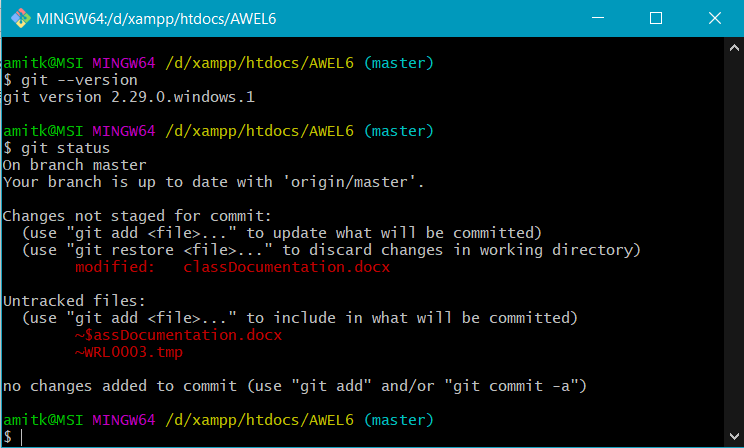


Day 3: git and github tutorial

* Remote Repository on GitHub



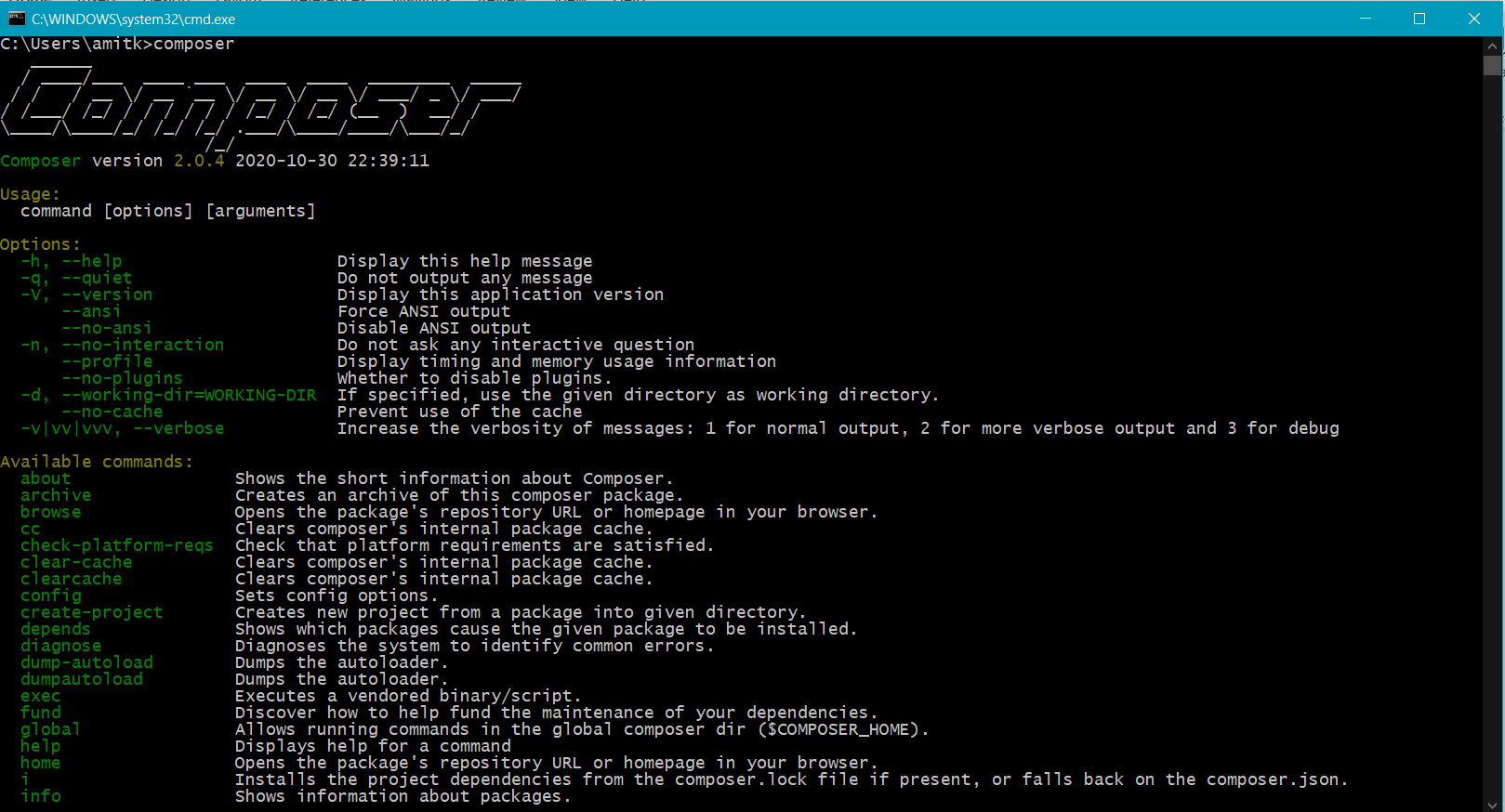
* Git Bash Terminal on Local Repository



Day 4: php basics and oops concepts

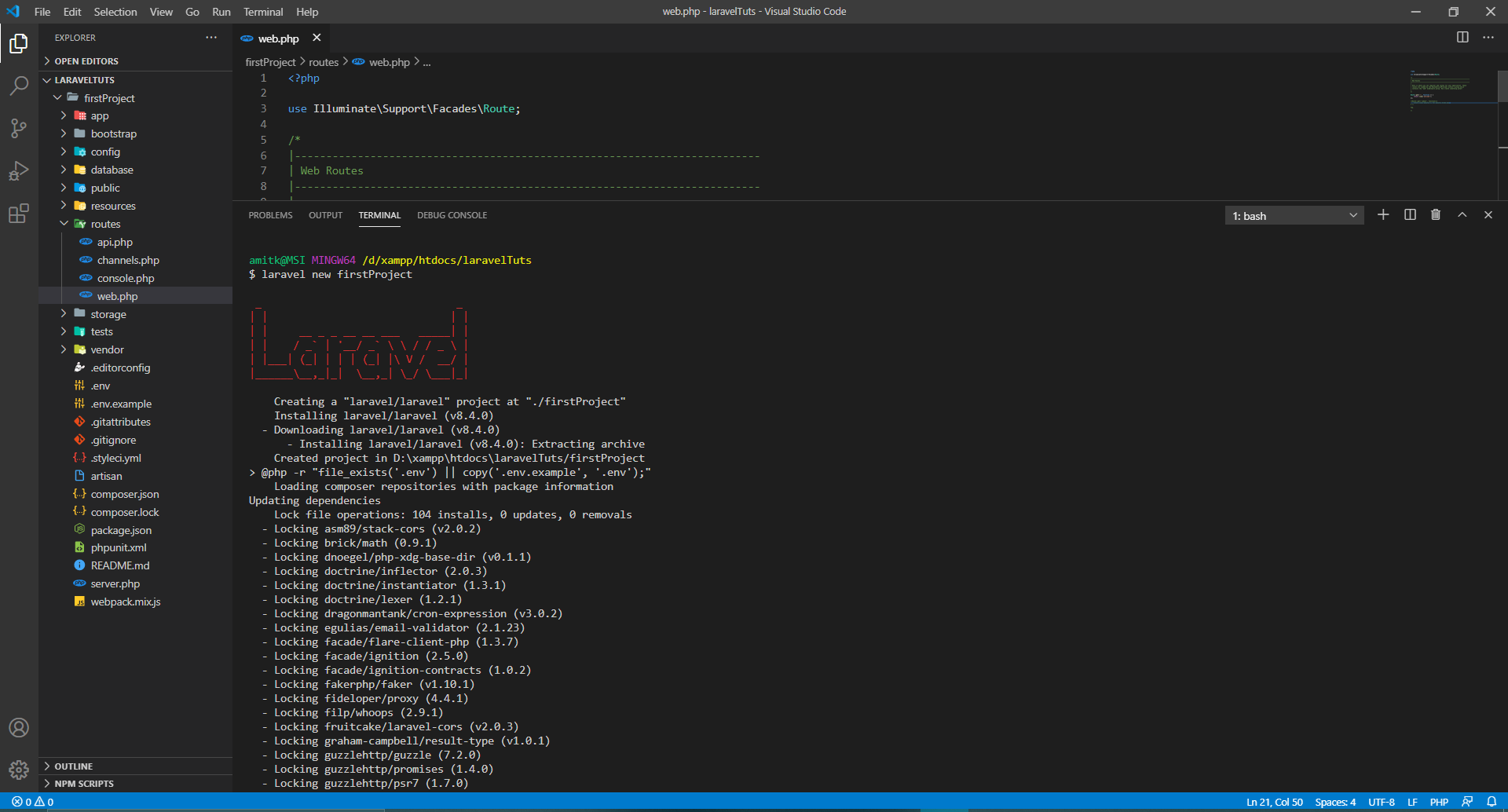
Day 5: understanding web applications

* Composer Installation



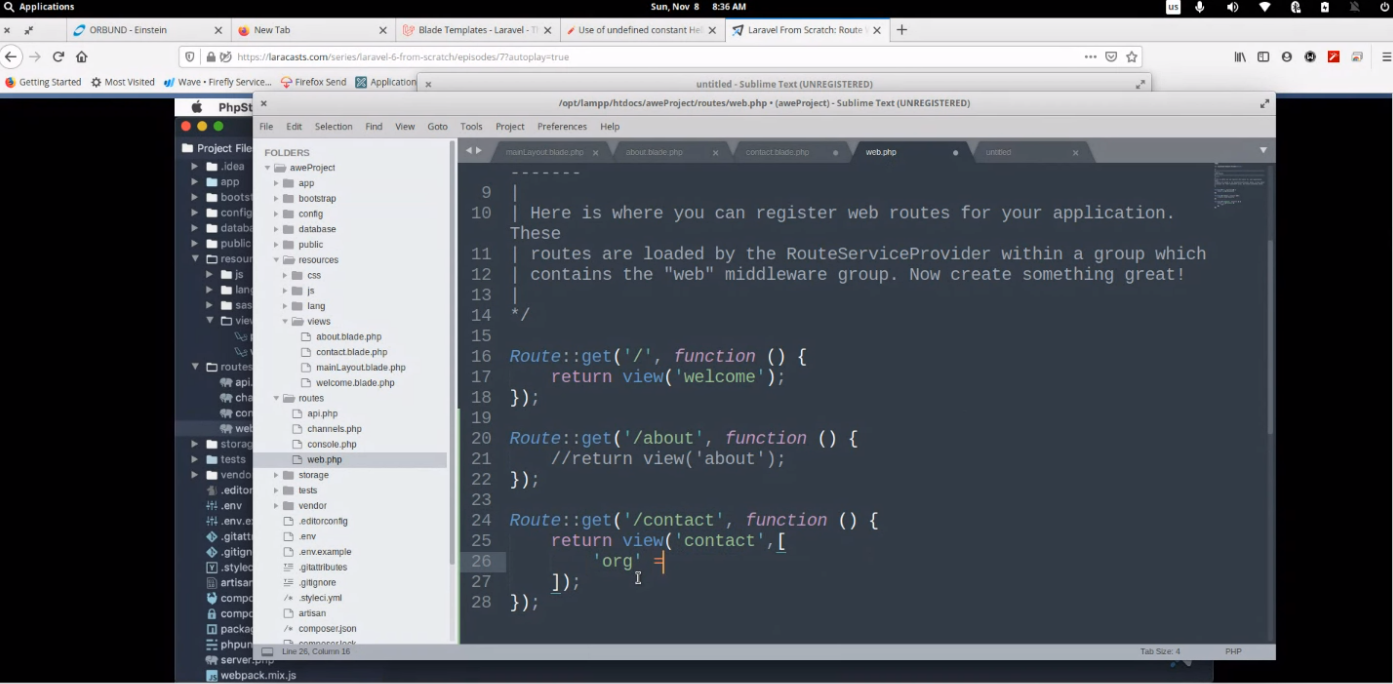
Day 6: routing and views

* Laravel Installation (local) via VSCode’s bash terminal



Day 6: view templates and blades with Laracasts

* Watched/Discussed a video on views at laracasts’ website.



Day 7: controllers

* Got access to the component-1 repository on GitHub and cloned it locally

