Assignment 13

Part 1:

1. Install Composer: install it from the official website at https://getcomposer.org/.
2. Open up a command prompt or terminal window and navigate to the directory where you want to install Laravel.
3. Run the following command to create a new Laravel project:

   Command: composer create-project --prefer-dist laravel/laravel myproject

This command will create a new Laravel project named "myproject" in the current directory. It will also download and install all the necessary dependencies.

4. Once the installation is complete, navigate into the project directory:

   Command: cd myproject

Part2:

Here is a description of the purpose of each of the folders in a Laravel project:

1. **app:** This folder contains the core files of the Laravel application, including the models, views, controllers, middleware, and other PHP classes.

2. **bootstrap:** This folder contains the files that are used to bootstrap the Laravel framework, including the application's configuration files, service providers, and the autoload.php file.

3. **config:** This folder contains all the configuration files for the Laravel application, including the database configuration, application configuration, and service provider configuration.

4. **database:** This folder contains the database migrations, seeders, and factories used to create and populate the database for the Laravel application.

5. **public:** This folder contains the front controller of the Laravel application, which is the index.php file. It also contains the public assets such as images, CSS, and JavaScript files.

6. **resources:** This folder contains the resources used by the Laravel application, including views, language files, and asset files such as images, CSS, and JavaScript files.

7. **routes:** This folder contains the routing files for the Laravel application, including web.php for web routes and api.php for API routes.

8. **storage:** This folder contains the storage files for the Laravel application, including the logs, cache, and file uploads.

9. **tests:** This folder contains the automated tests for the Laravel application.

10. **vendor:** This folder contains the third-party packages installed via Composer.