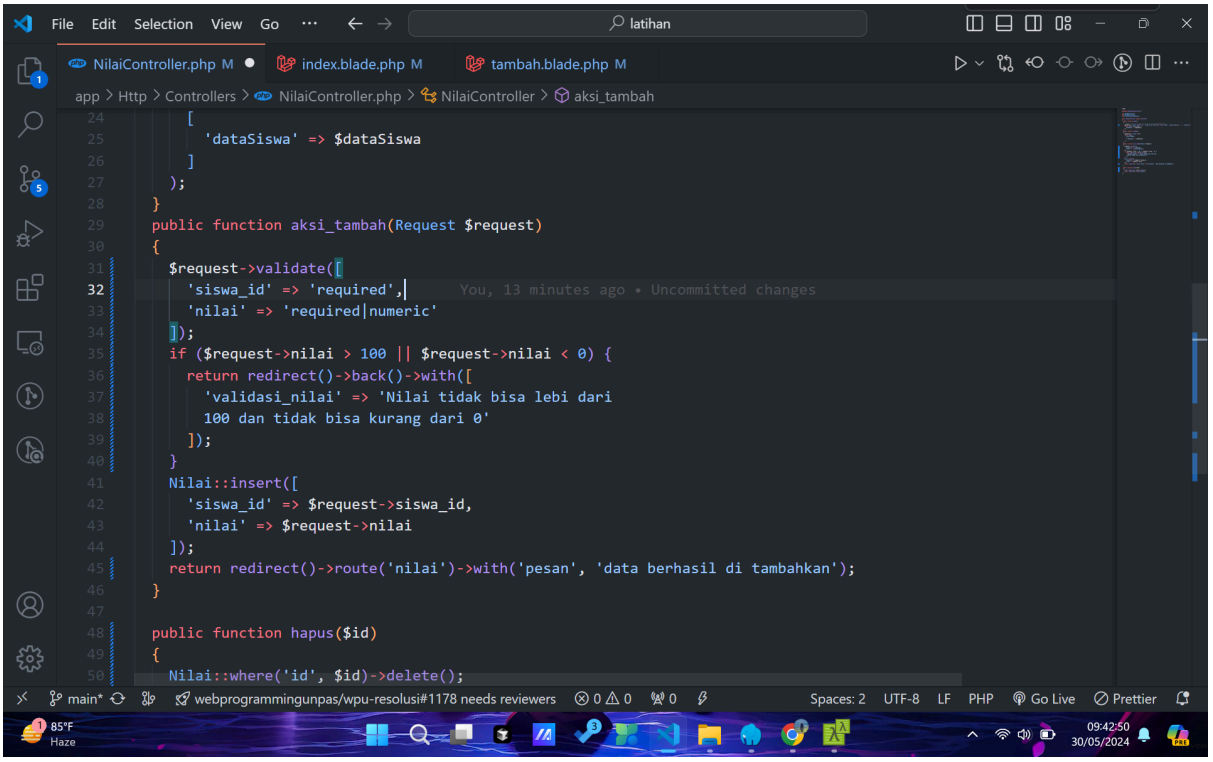
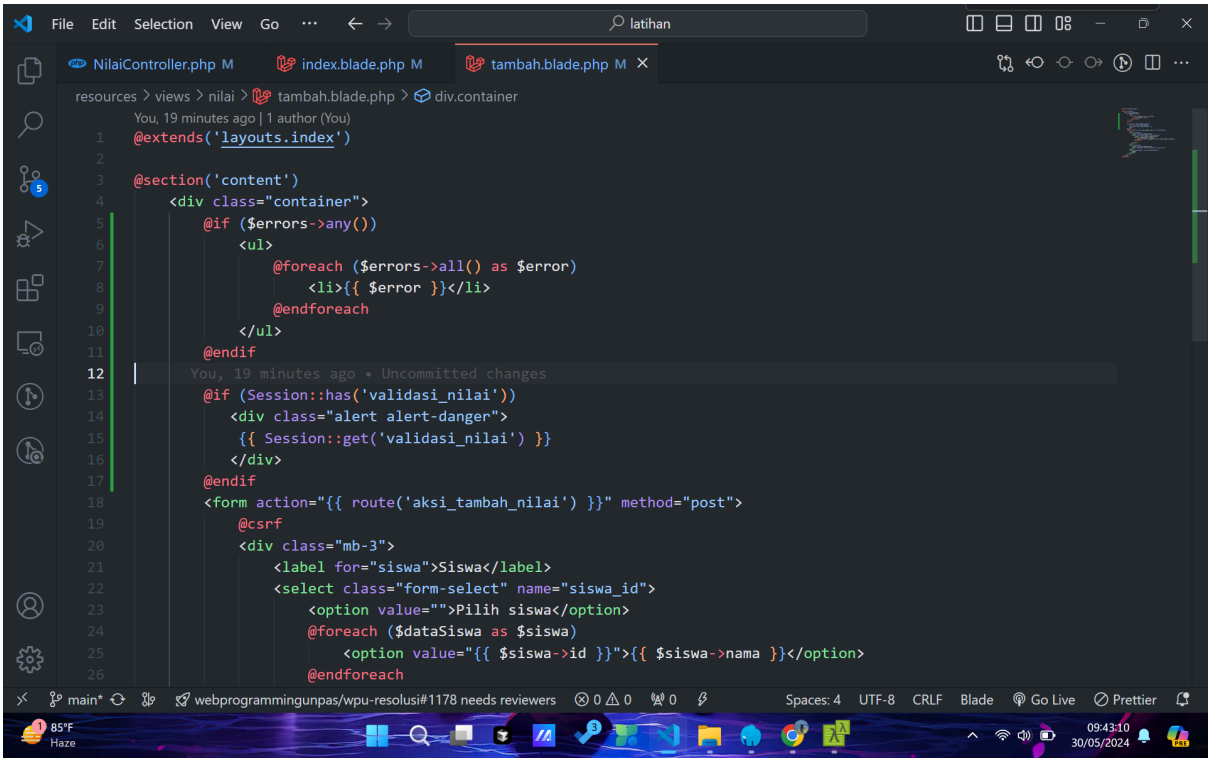
Membuat validasi tambah nilai

ubah fungsi tambah nilai jadi seperti ini

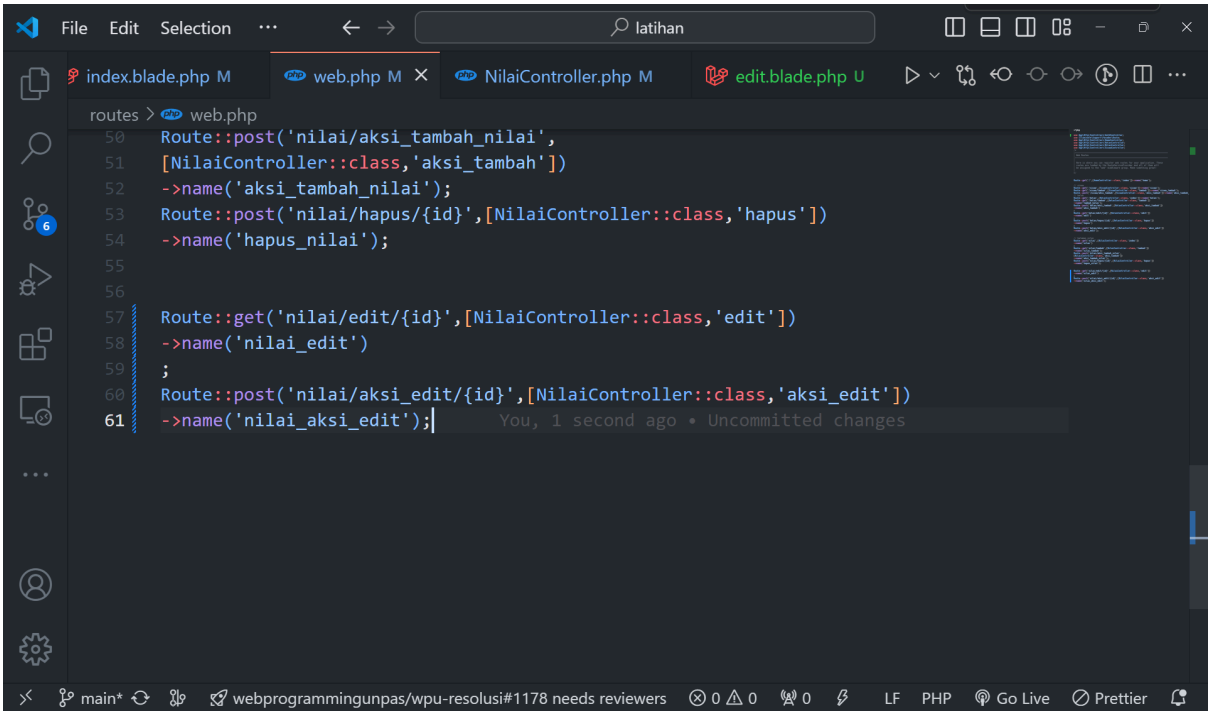


tampilkan error validasi nilai ketika tambah data

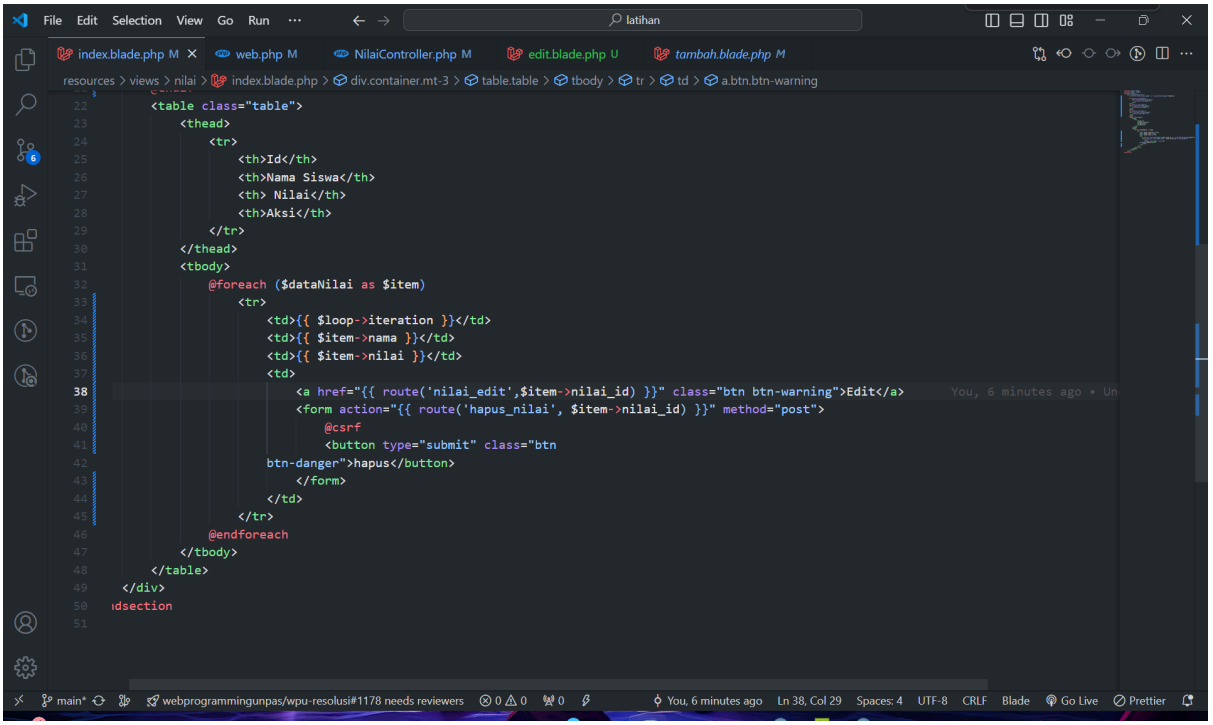


edit data nilai

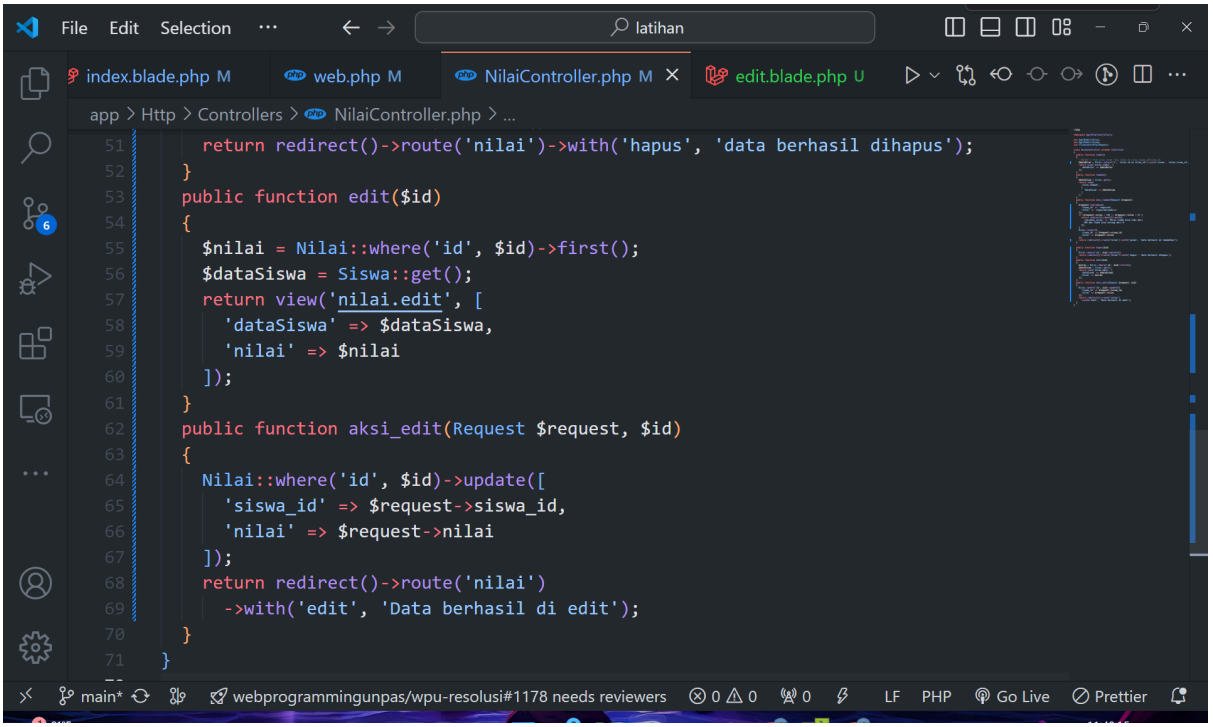
buat route untuk edit data nilai



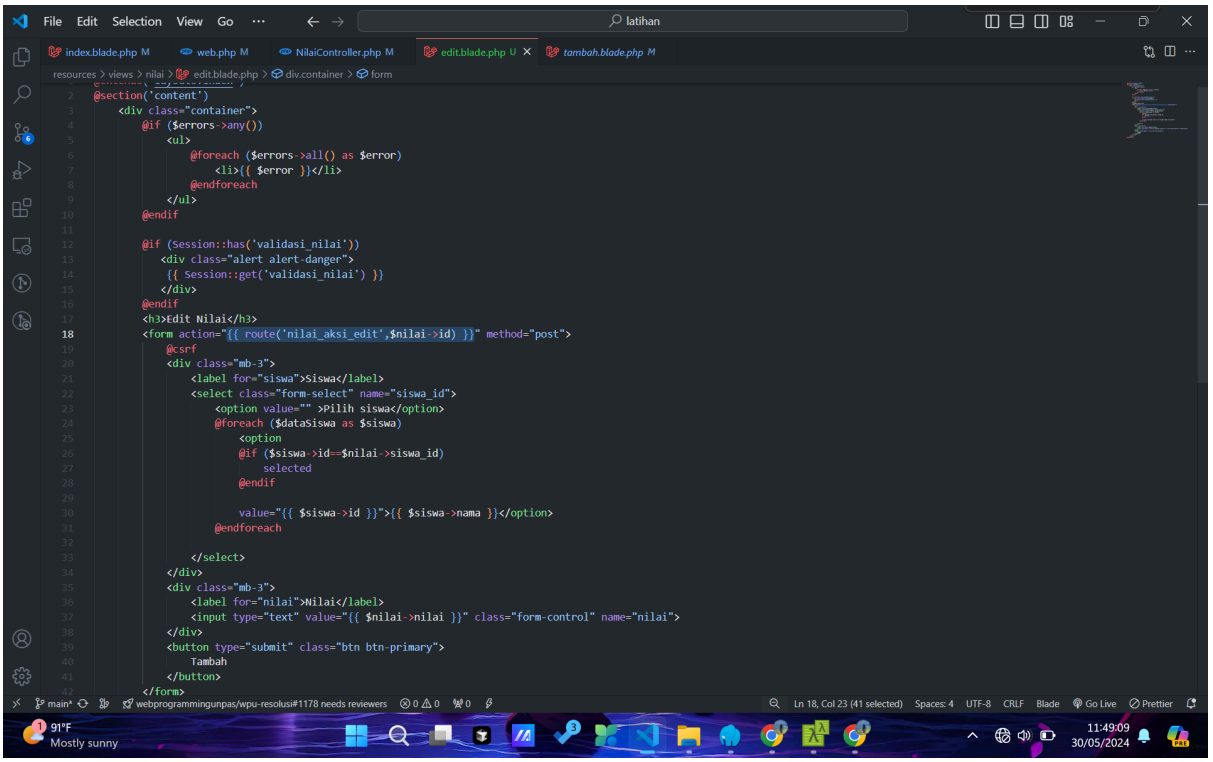
lalu arahkan button edit di file index.blade.php



buat fungsi route edit dan data nilai nya

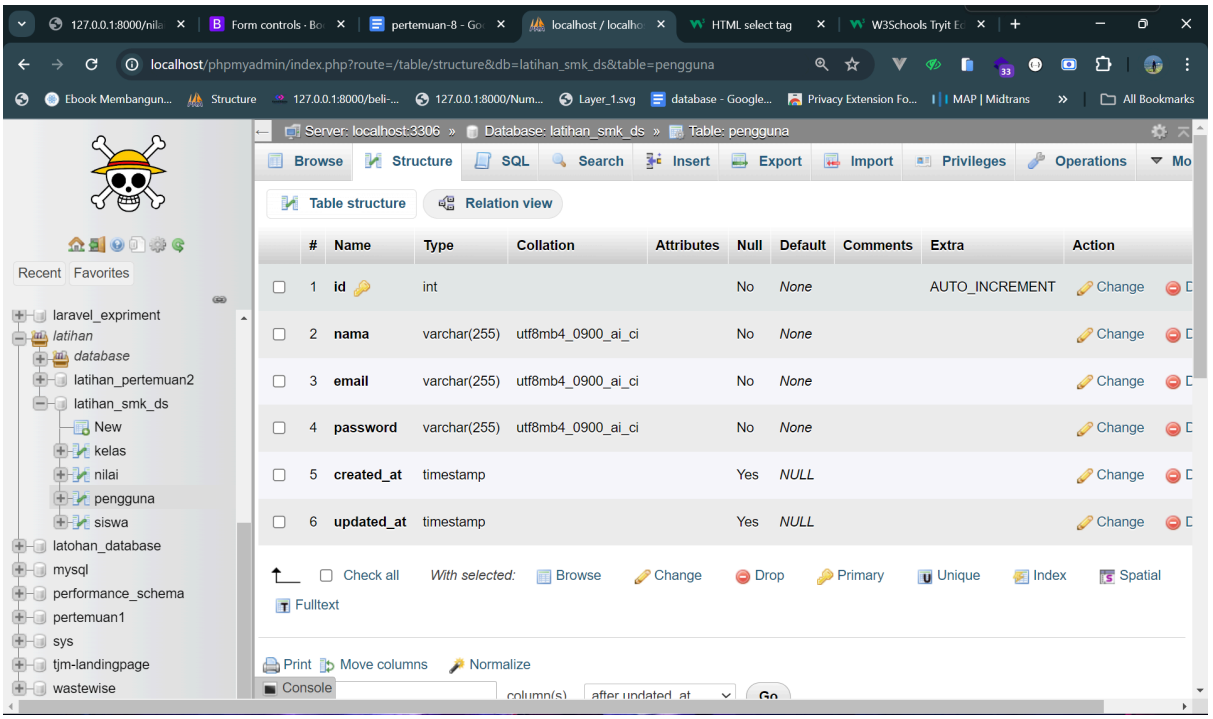


buat form untuk edit data nilai nya



authentication di laravel

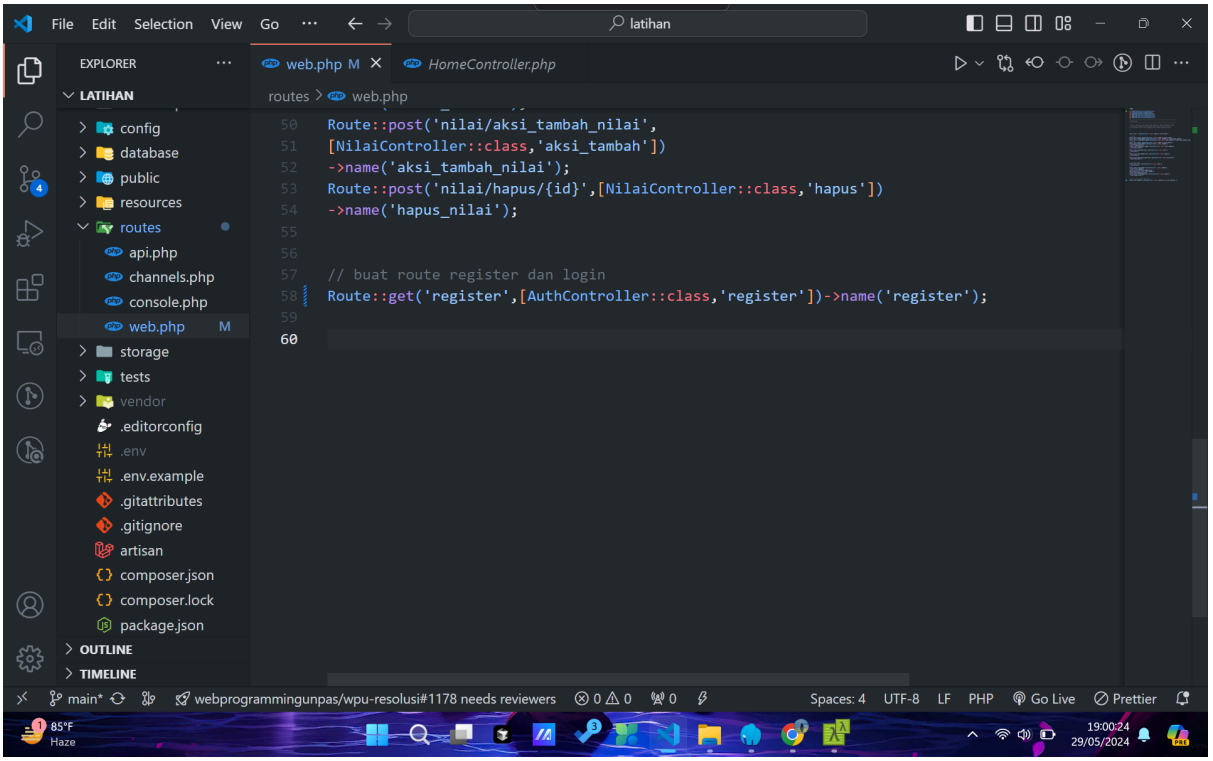
buat table pengguna dengan field seperti ini



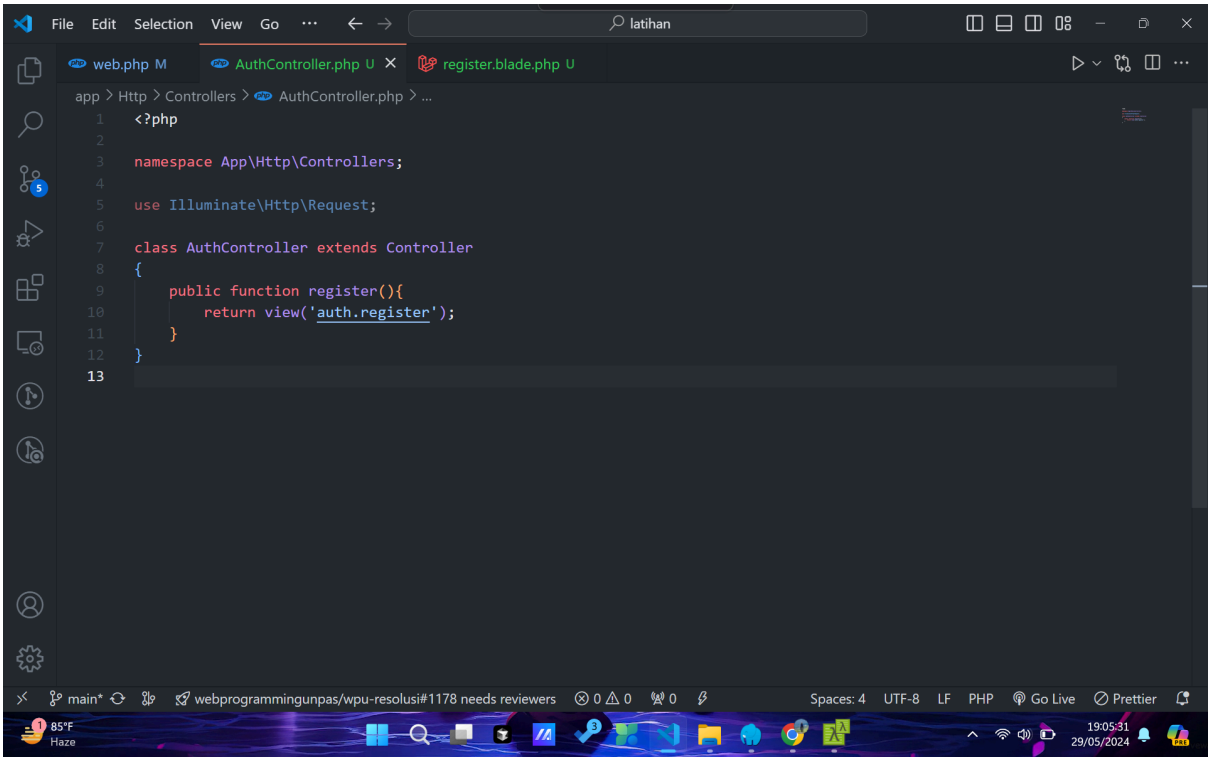
buat controller dan model untuk register dan login

buat controller nya dengan menjalankan **php artisan make:controller AuthController** dan **php artisan make:model Pengguna**

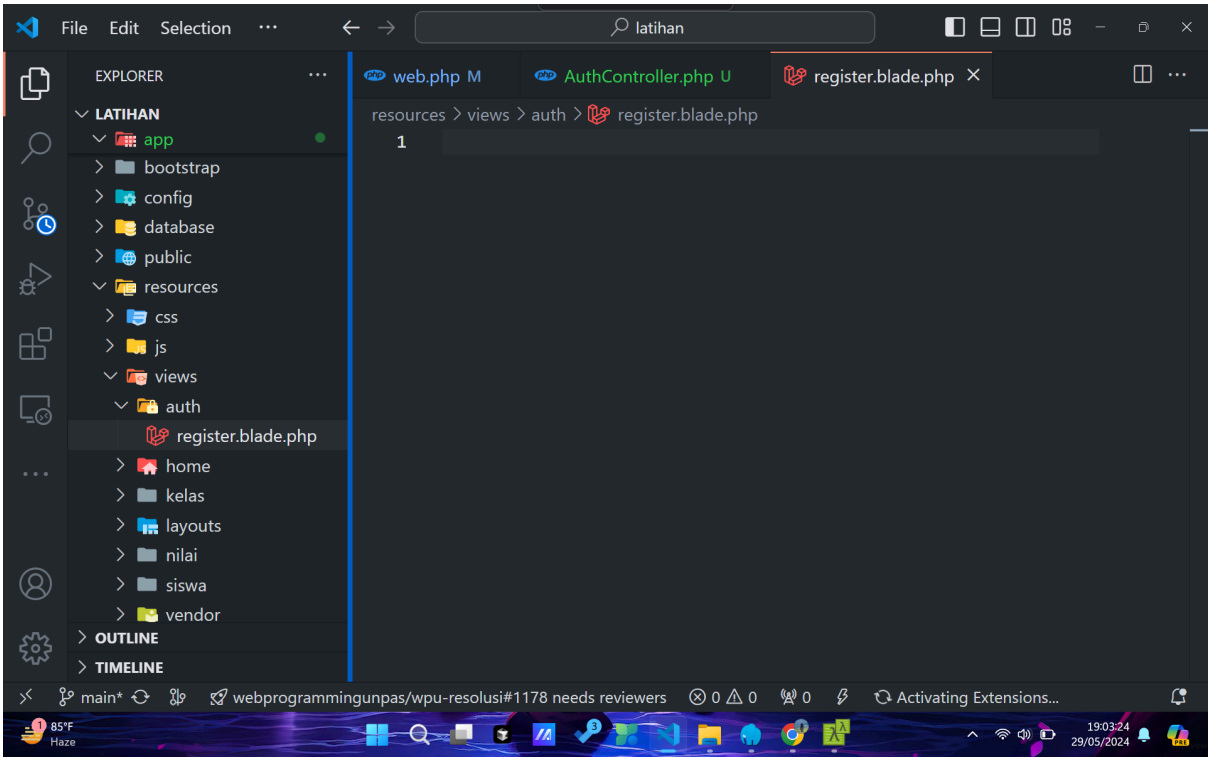
kemudian buat route register nya



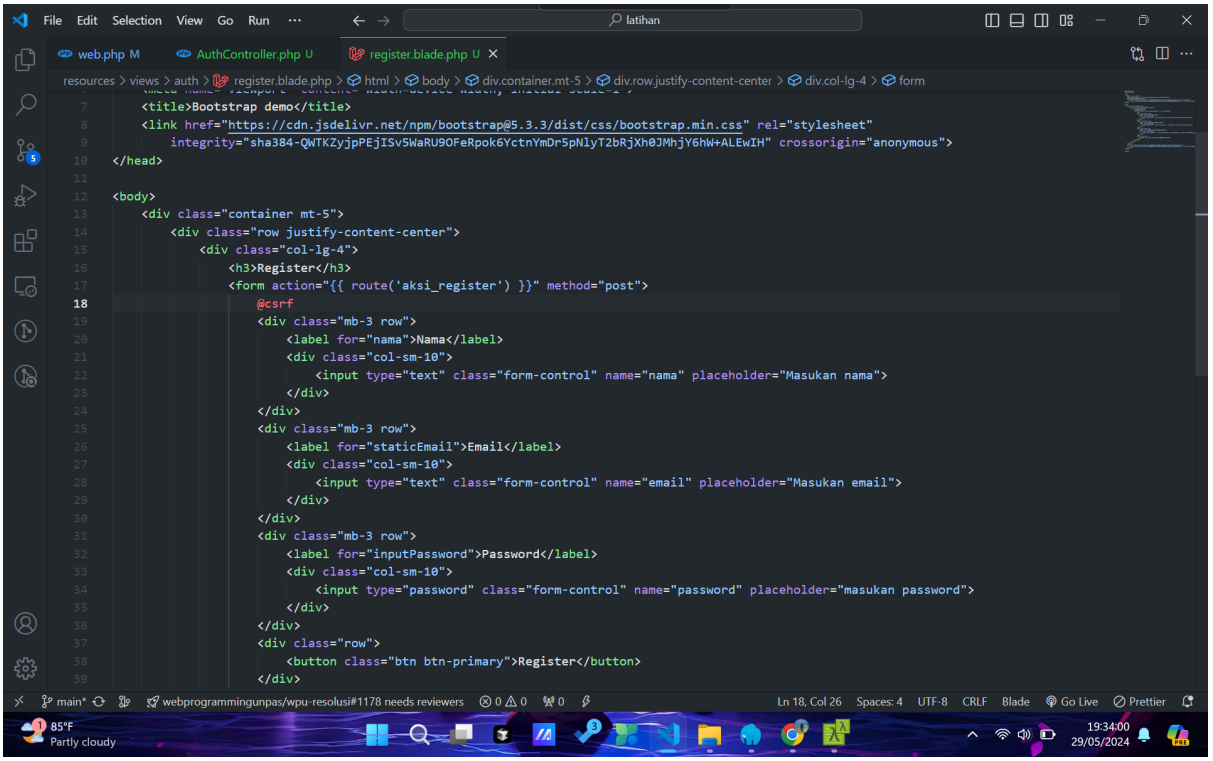
lalu buat fungsi/method untuk register



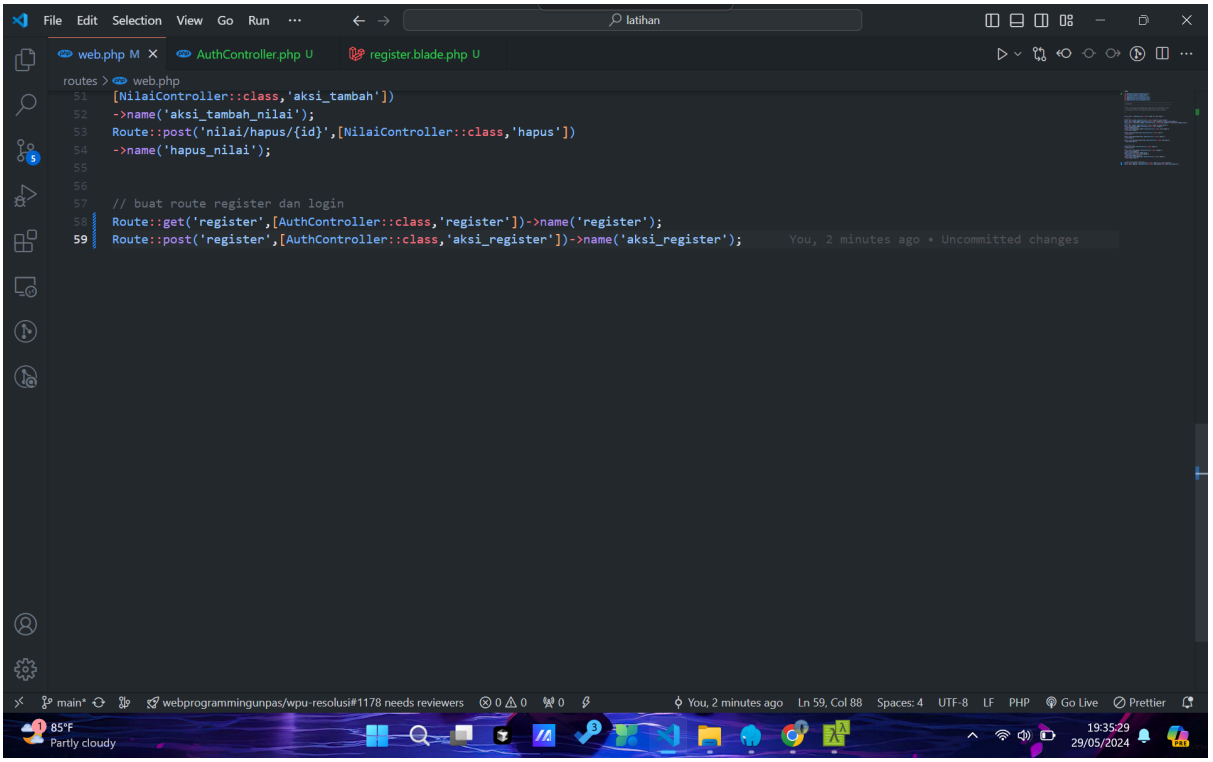
lalu buat folder auth didalamnya ada file register.blade.php



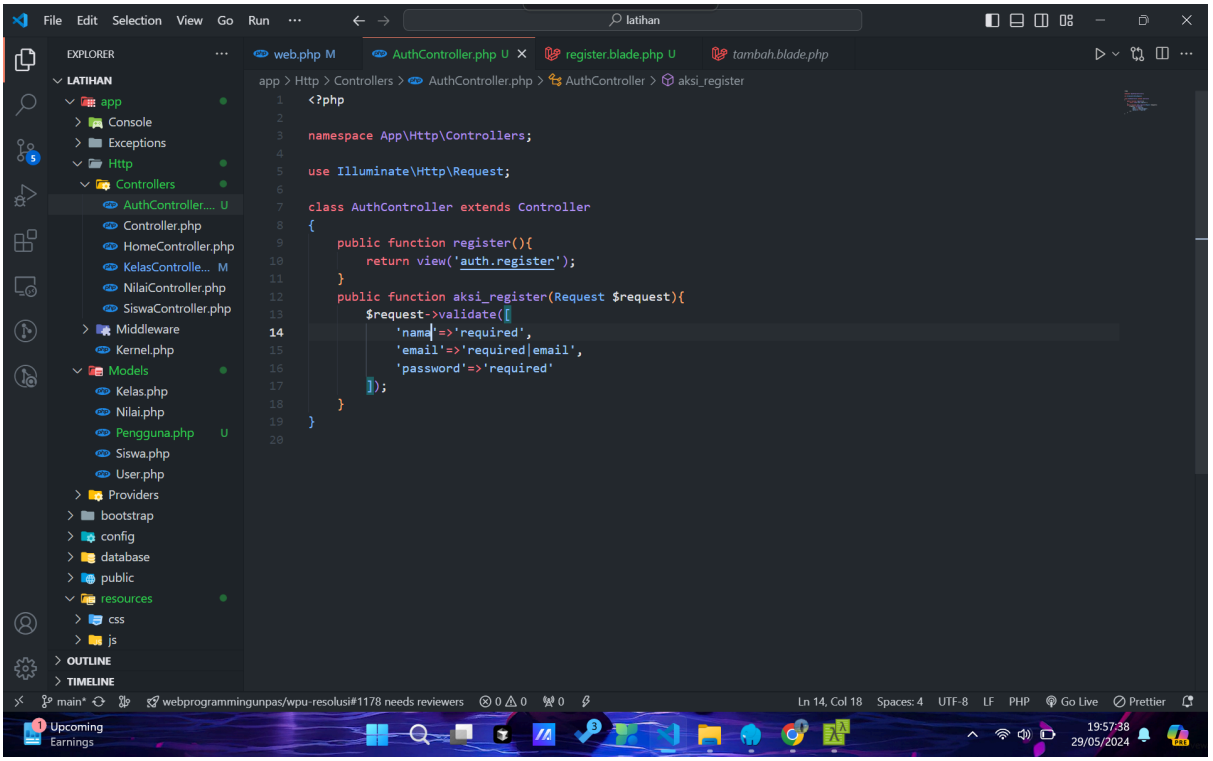
dan buat form html seperti ini dan arahkan action nya ke route **aksi_register**



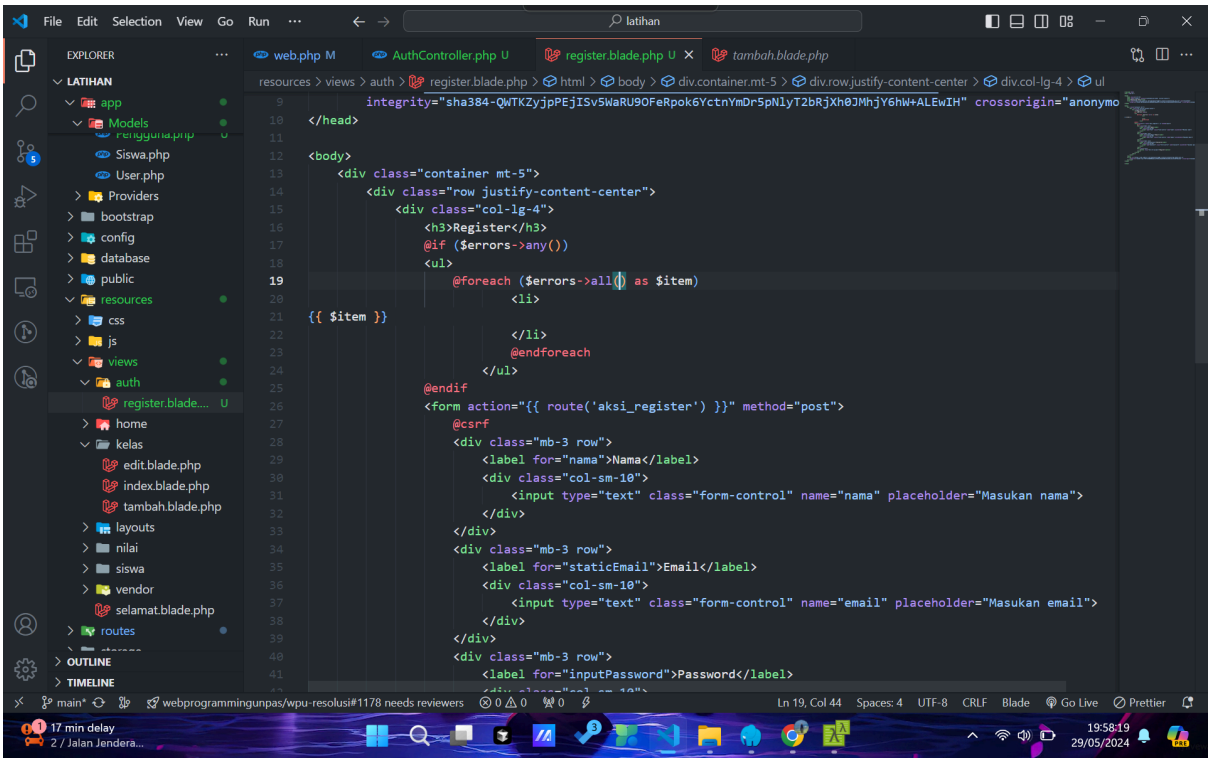
selanjutnya buat route untuk fungsi register nya



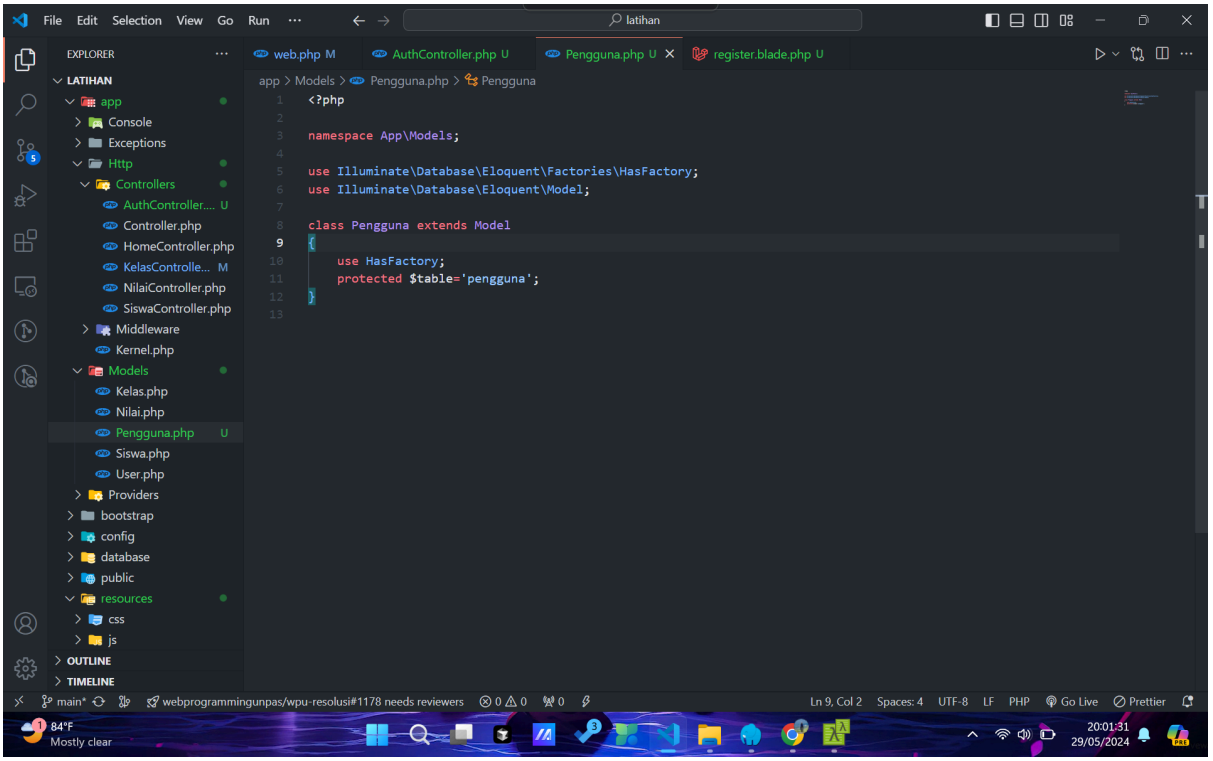
kemudian tambahkan validasi untuk fungsi register nya



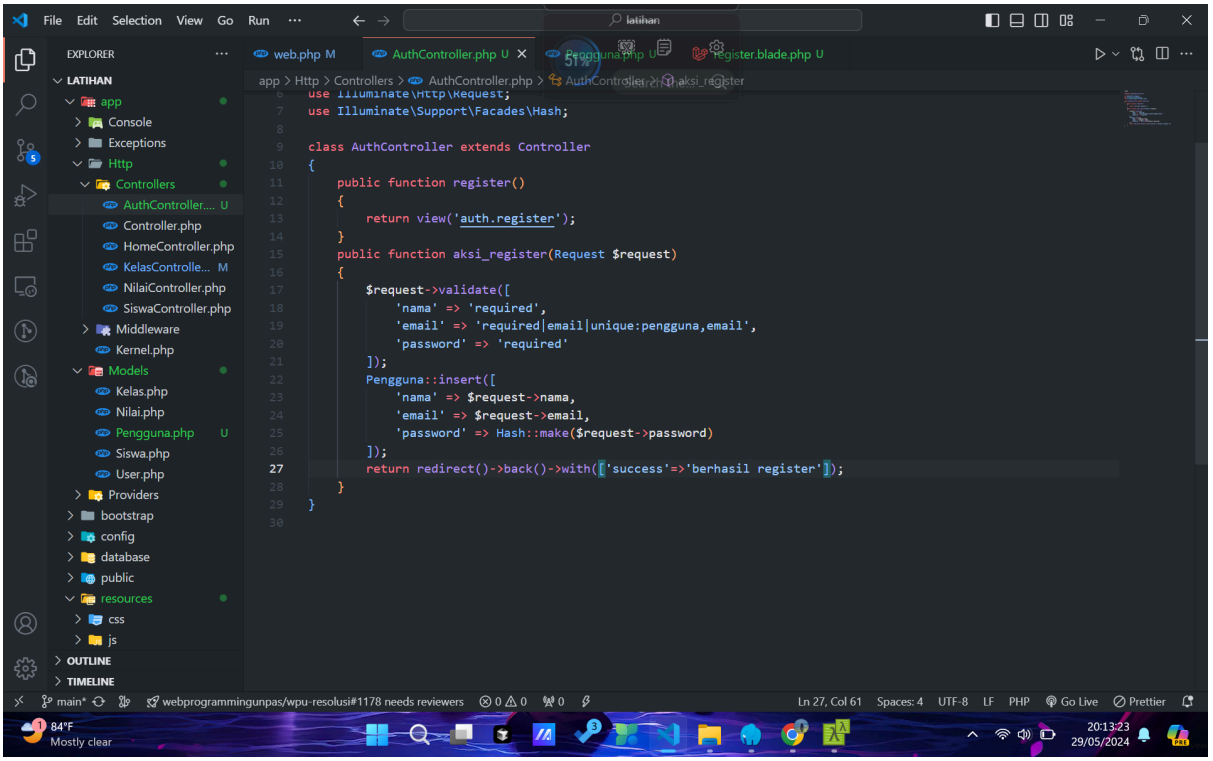
dan di form register nya tampilkan pesan validasinya



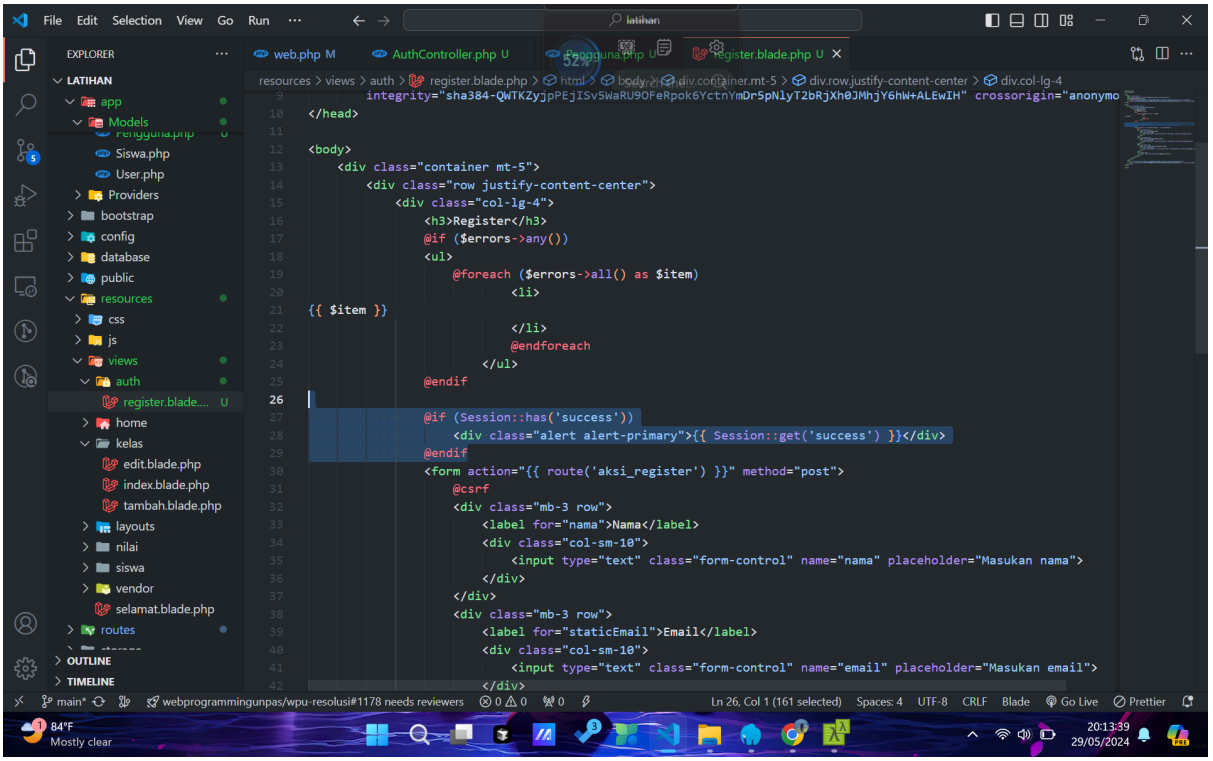
lalu buka models Pengguna lalu tetapkan models pengguna ke table pengguna



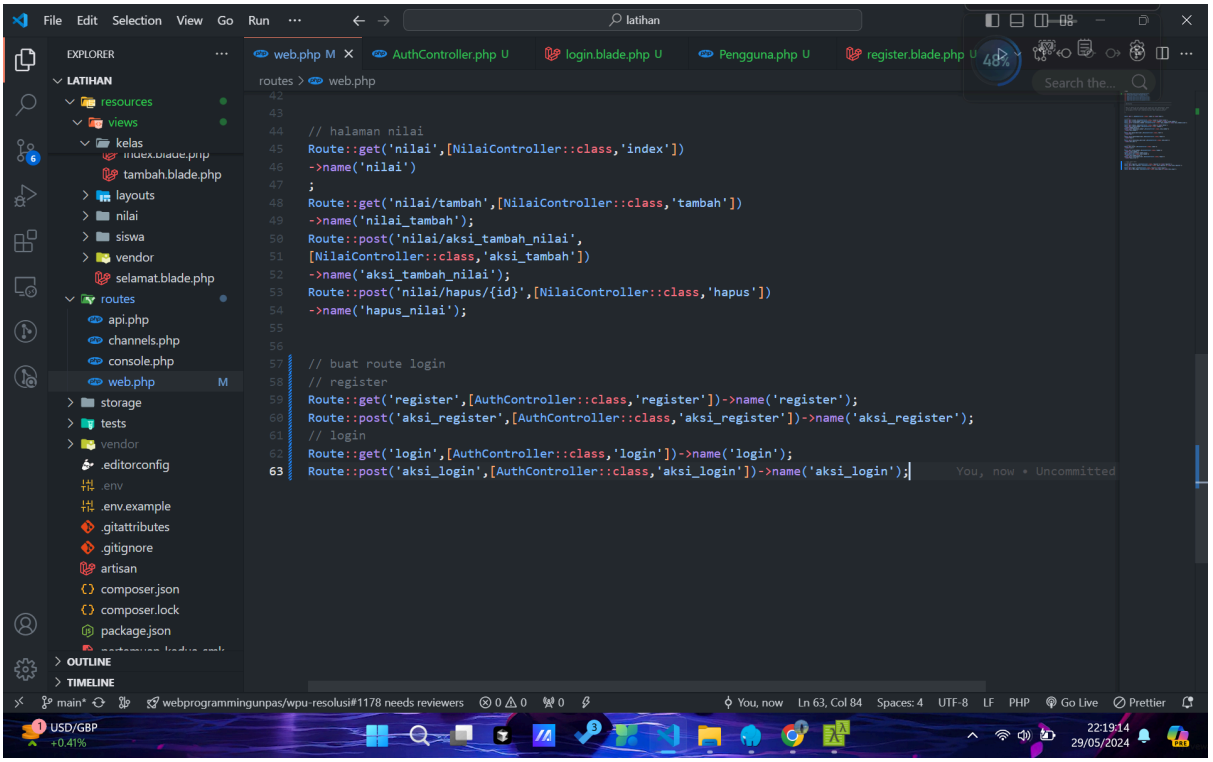
buat fungsi register nya



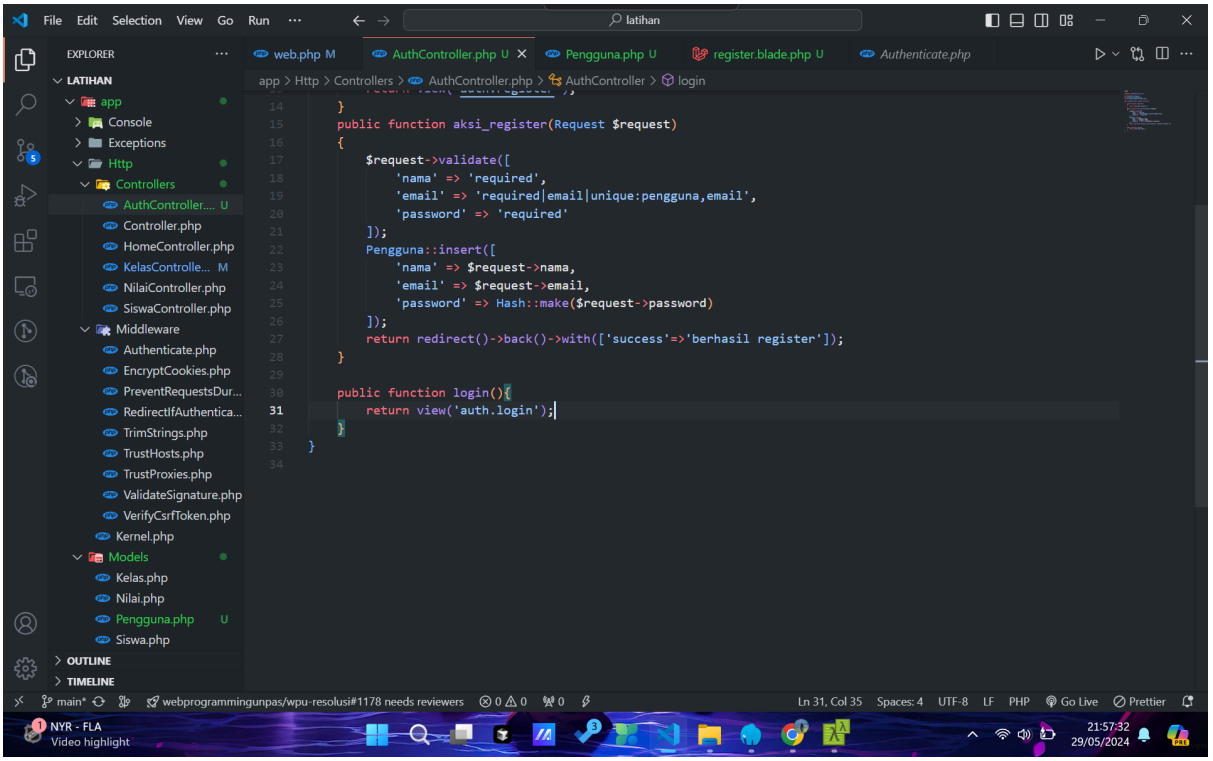
dan tampilkan pesan jika berhasil



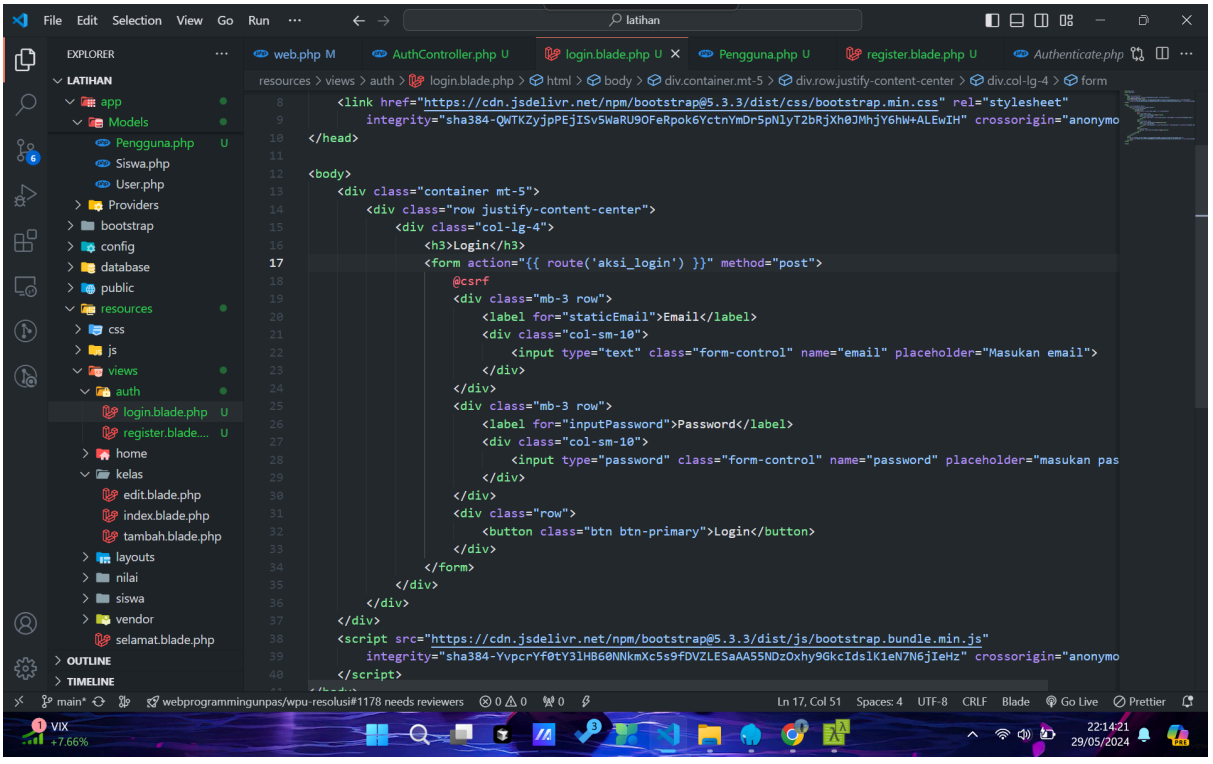
Membuat route untuk login



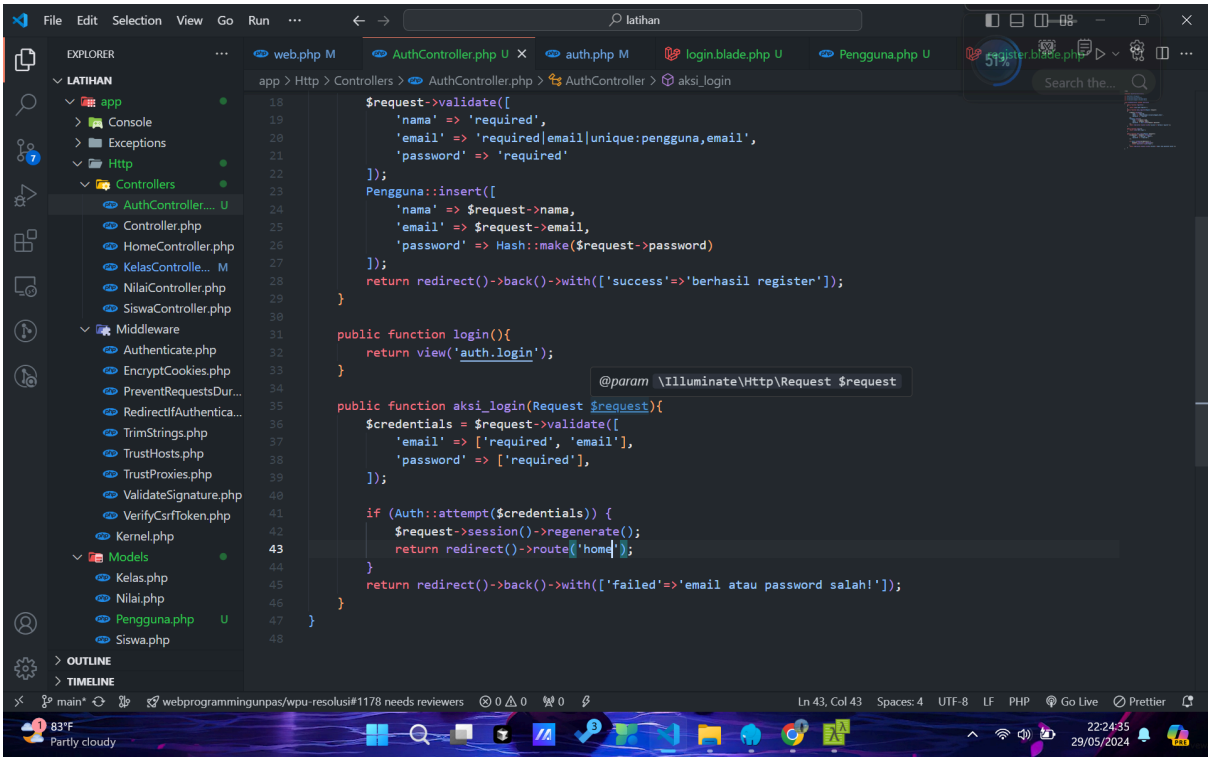
lalu buat method login untuk menampilkan halaman login



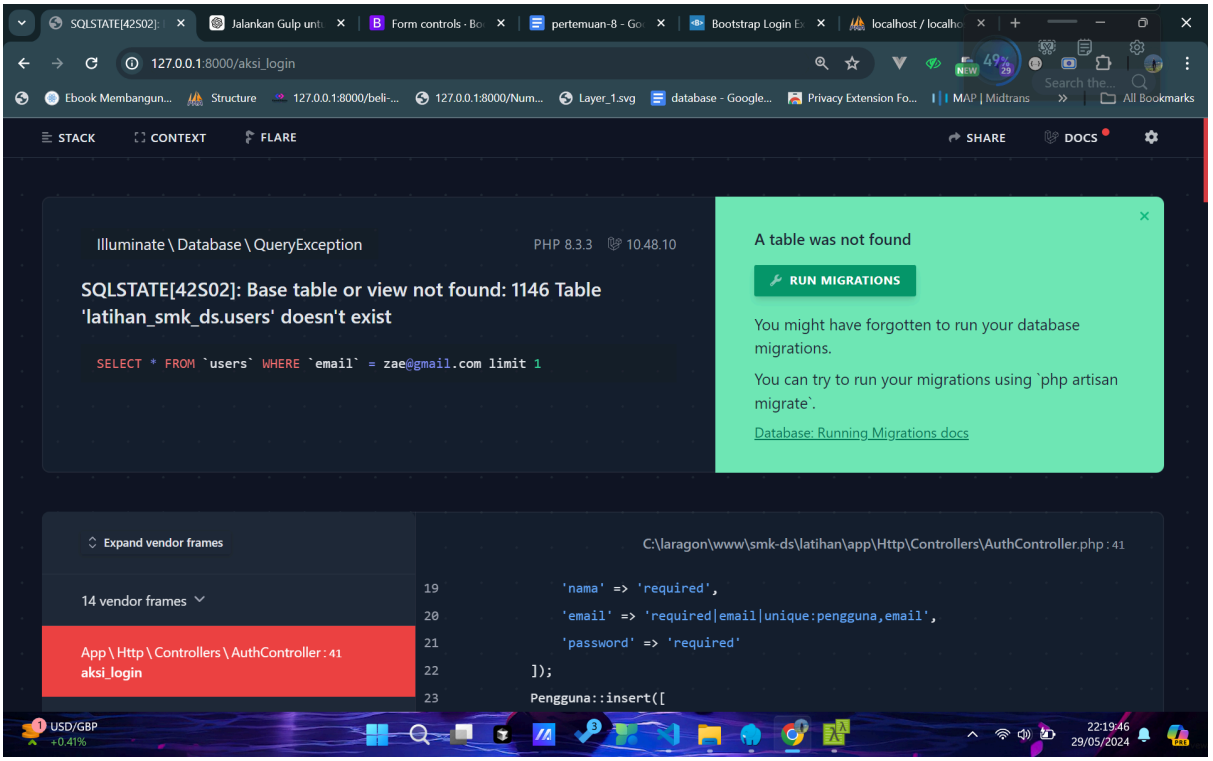
lalu buat file login.blade.php di dalam folder auth dan buat form untuk login



kemudian buat fungsi loginnya dengan method **aksi_login**

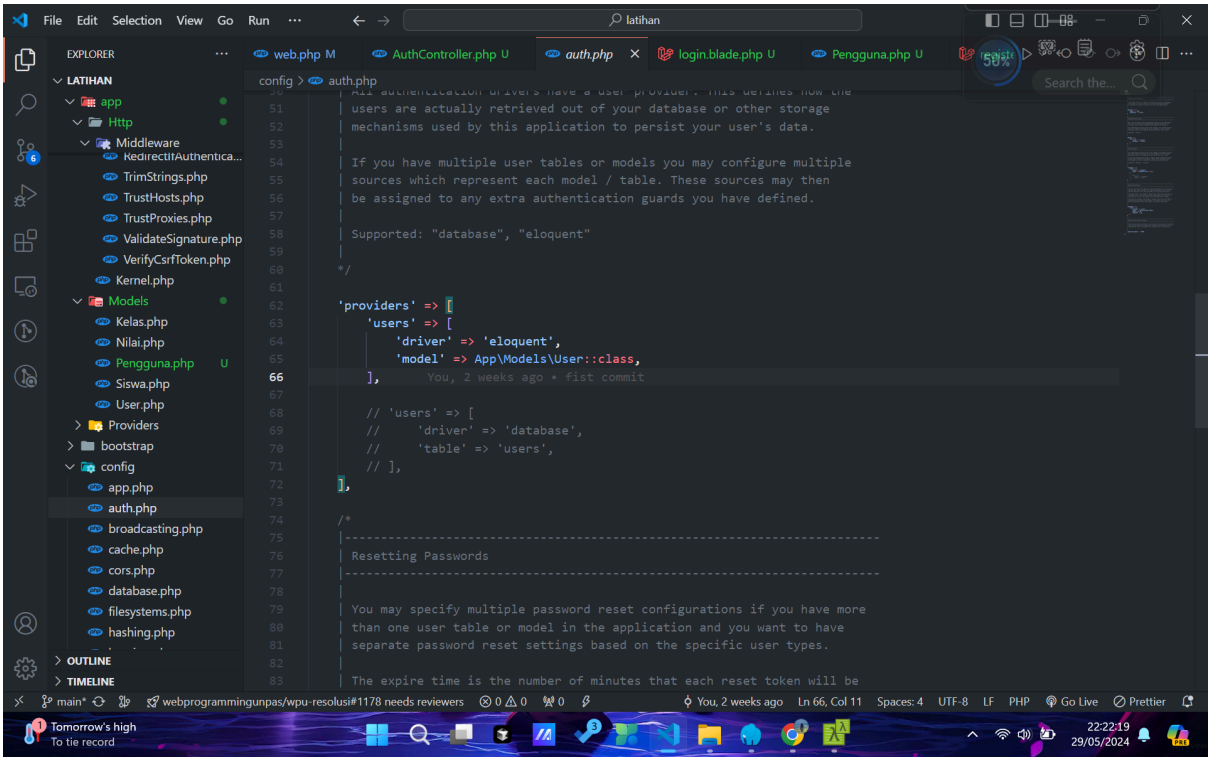


jika di coba akan muncul error seperti ini

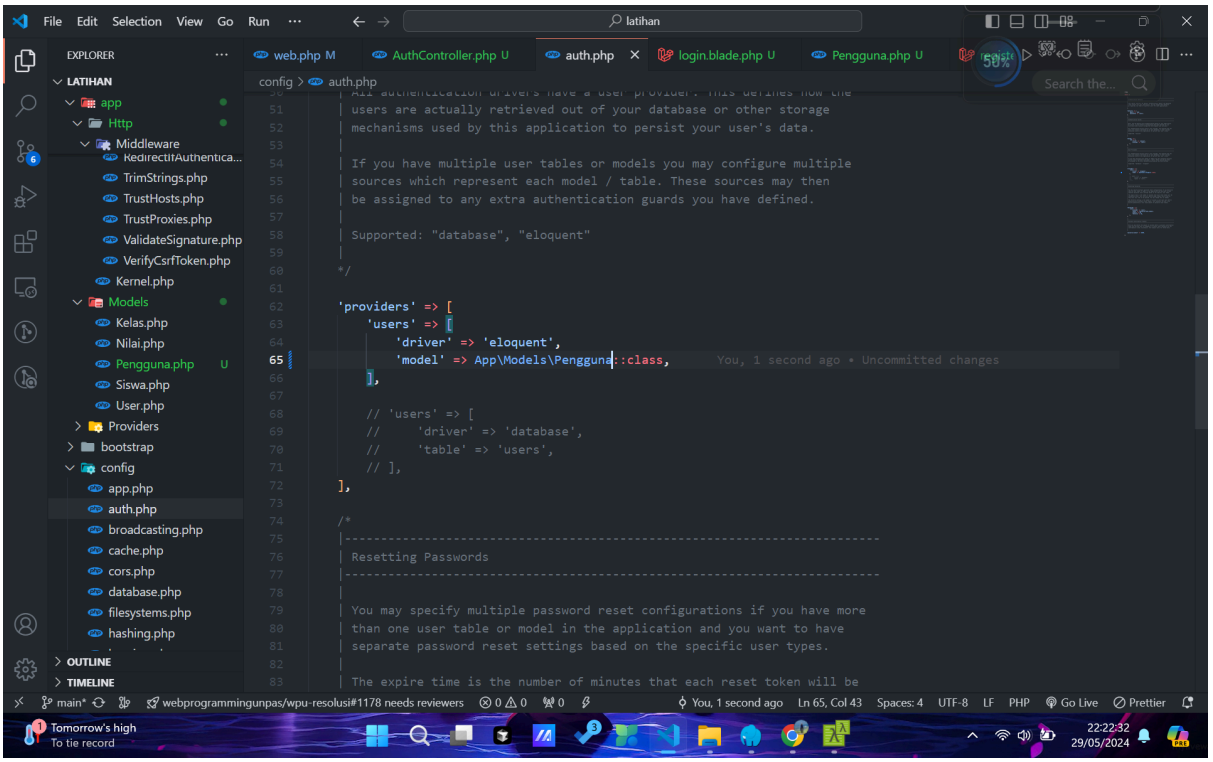


ini karena secara default dari laravel ketika login akan mengarahkan ke model Users,sedangkan kita tidak mempunya table user tapi kita menggunakan table pengguna.

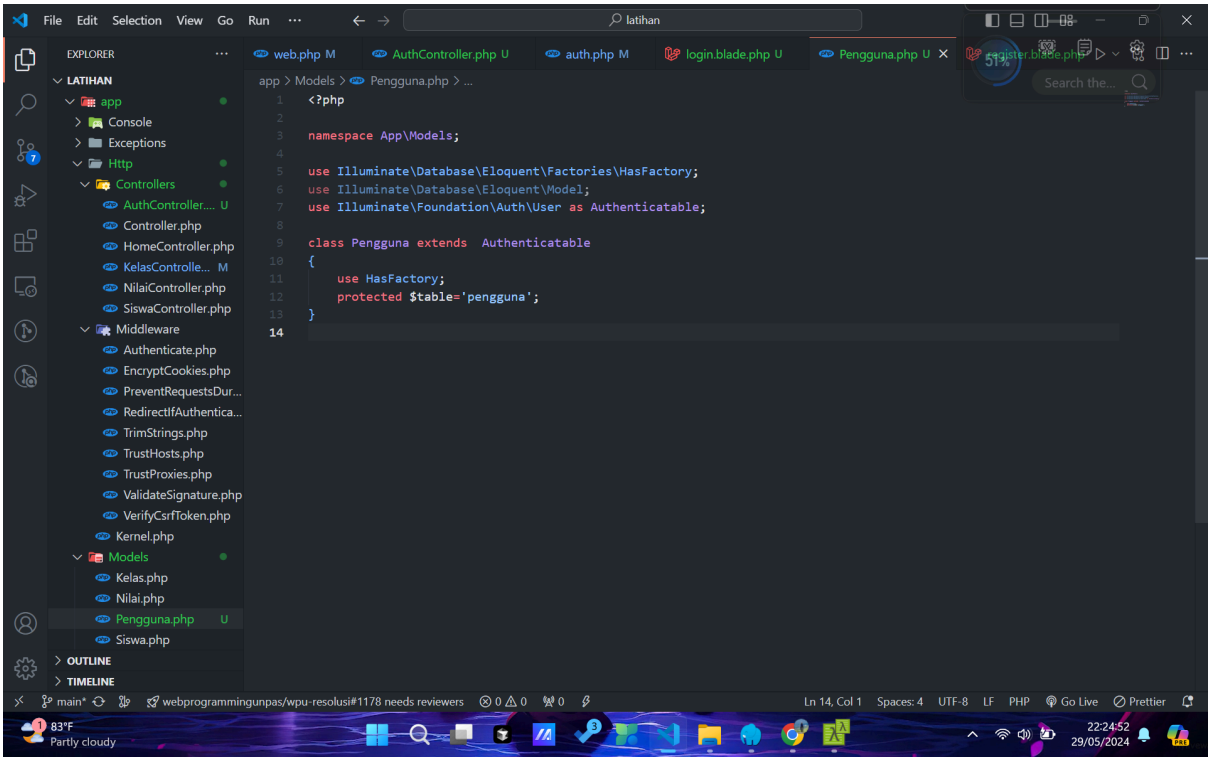
cara nya untuk mengubah Auth nya jadi memeriksa data ke table pengguna
buka folder config/auth.php lalu cari script ini



ubah menjadi



setelah itu ubah model Pengguna menjadi seperti ini



Middlware di laravel

Middleware di Laravel adalah lapisan filter yang digunakan untuk memeriksa dan memodifikasi permintaan HTTP (HTTP request) yang masuk sebelum permintaan tersebut mencapai controller, serta respons HTTP (HTTP response) yang keluar sebelum respons tersebut dikirim kembali ke pengguna. Middleware sangat berguna untuk berbagai tujuan, seperti autentikasi, otorisasi, logging, manipulasi data permintaan, dan banyak lagi.

Fungsi Middleware Autentikasi:
Memastikan bahwa pengguna telah terotentikasi atau memiliki izin yang sesuai sebelum mengakses resource tertentu.

Membuat custom middlware di laravel

1.Membuat Middleware
Anda bisa membuat middleware baru dengan perintah Artisan:
php artisan make:middleware LoginPengguna

2.Edit LoginPengguna.php

Middleware Buka file **app/Http/Middleware/LoginPengguna.php** dan tambahkan logika untuk memeriksa apakah pengguna sudah login atau belum

```php
<?php

namespace App\Http\Middleware;

use Closure;
use Illuminate\Http\Request;
use Symfony\Component\HttpFoundation\Response;
use Illuminate\Support\Facades\Auth;

class LoginPengguna
{
    /**
     * Handle an incoming request.
     *
     * @param  \Closure(\Illuminate\Http\Request): (\Symfony\Component\HttpFoundation\Response) $next
     */
    public function handle(Request $request, Closure $next): Response
    {
        if (!Auth::check()) {
            return redirect('/login');
        }

        return $next($request);
    }
}
```

3.Daftarkan Middleware

Anda perlu mendaftarkan middleware di file app/Http/Kernel.php. Anda dapat mendaftarkannya sebagai middleware rute:

```php
protected $routeMiddleware = [
    // Middleware lainnya
    'auth.check' => \App\Http\Middleware\LoginPengguna::class,
];
```

Terapkan Middleware ke Rute

Anda bisa menerapkan middleware ini ke rute atau grup rute di file routes/web.php

```php
//middeware
Route::middleware(['auth'])->group(function () {
// siswa
Route::get('/siswa',[SiswaController::class,'siswa'])->name('siswa');
Route::get('/siswa/tambah',[SiswaController::class,'tambah'])->name('siswa_tambah');
Route::post('/siswa/aksi_tambah',[SiswaController::class,'aksi_tambah'])-
>name('aksi_tambah_siswa');

});
```