- **Create migration cmd**

```
D:\>cd xampp\htdocs\perpustakaan

D:\xampp\htdocs\perpustakaan>php artisan make:migration create_anggota
Created Migration: 2020_01_14_065539_create_anggota

D:\xampp\htdocs\perpustakaan>php artisan make:migration create_petugas
Created Migration: 2020_01_14_065600_create_petugas

D:\xampp\htdocs\perpustakaan>php artisan make:migration create_peminjaman
Created Migration: 2020_01_14_065613_create_peminjaman

D:\xampp\htdocs\perpustakaan>php artisan make:migration create_buku
Created Migration: 2020_01_14_065628_create_buku

D:\xampp\htdocs\perpustakaan>php artisan make:migration create_detail_peminjaman
Created Migration: 2020_01_14_065703_create_detail_peminjaman

D:\xampp\htdocs\perpustakaan>
```
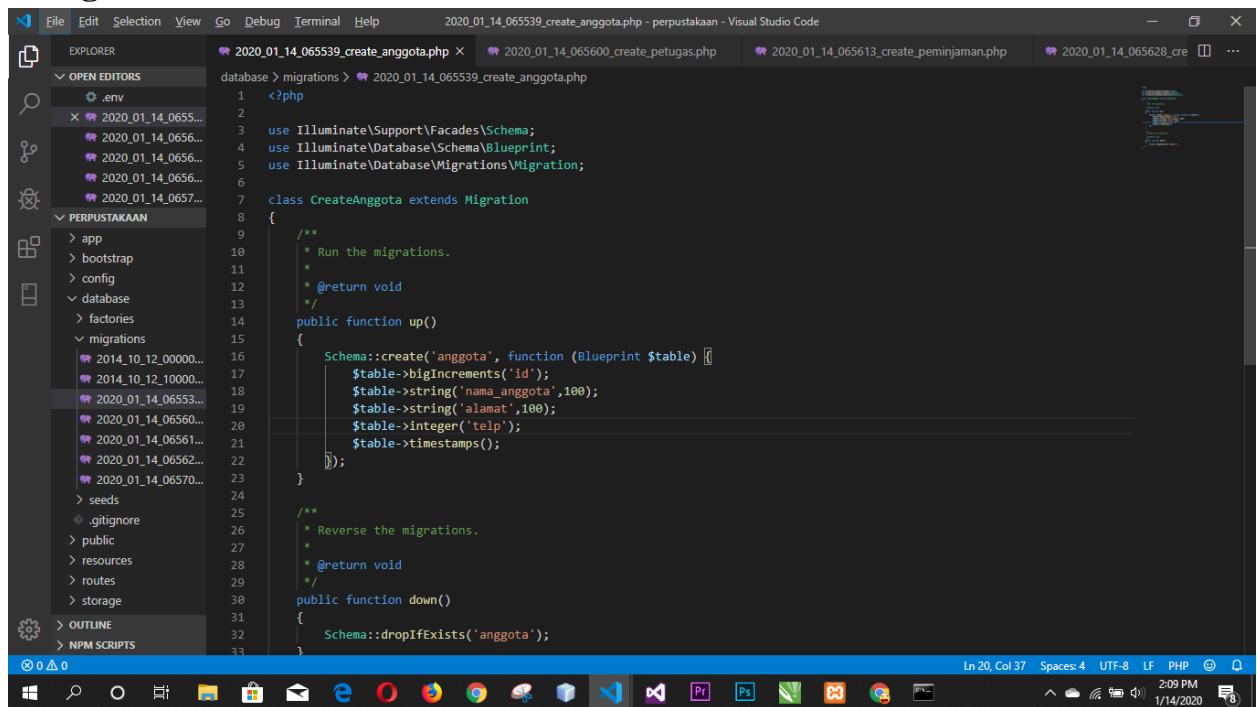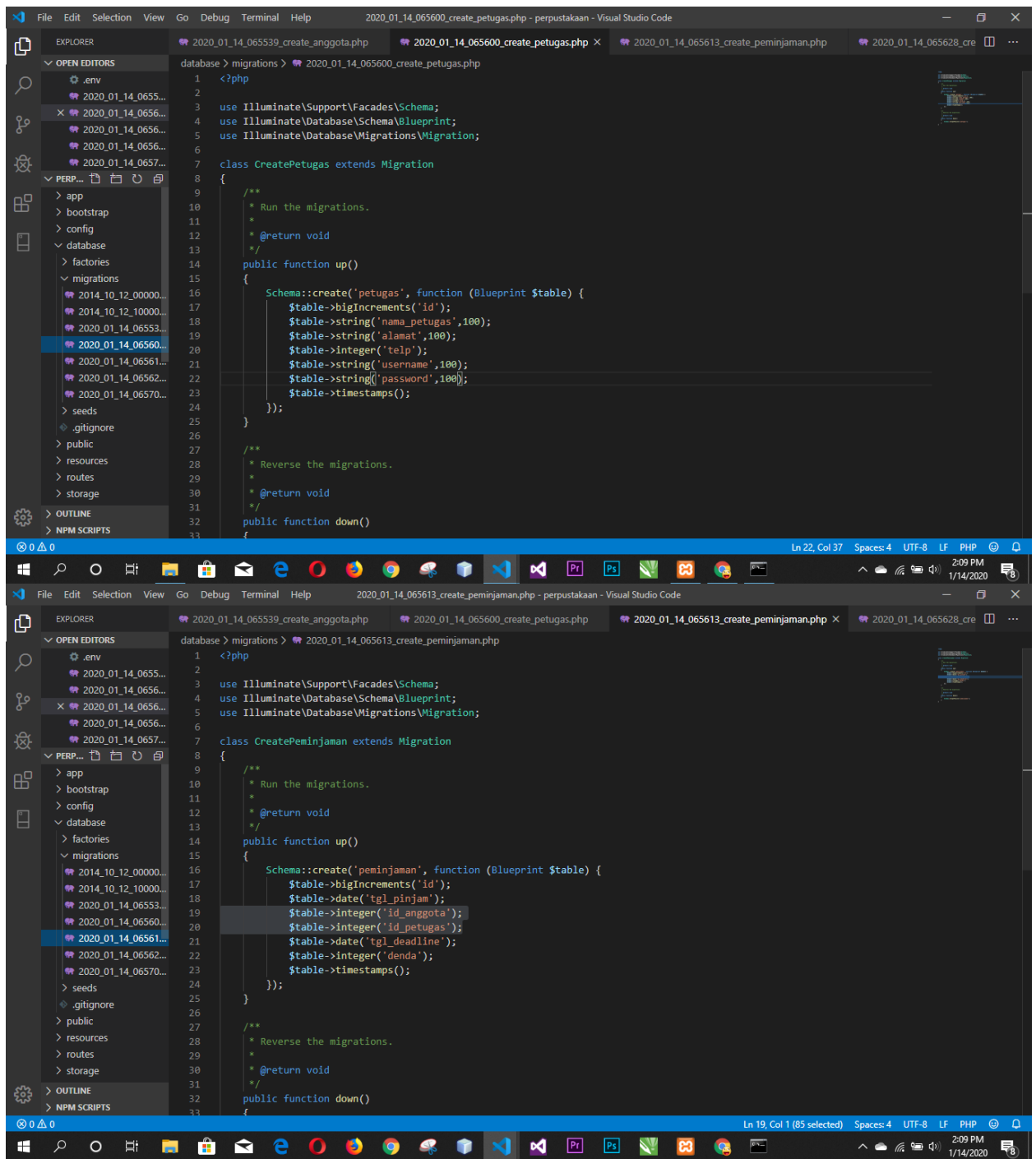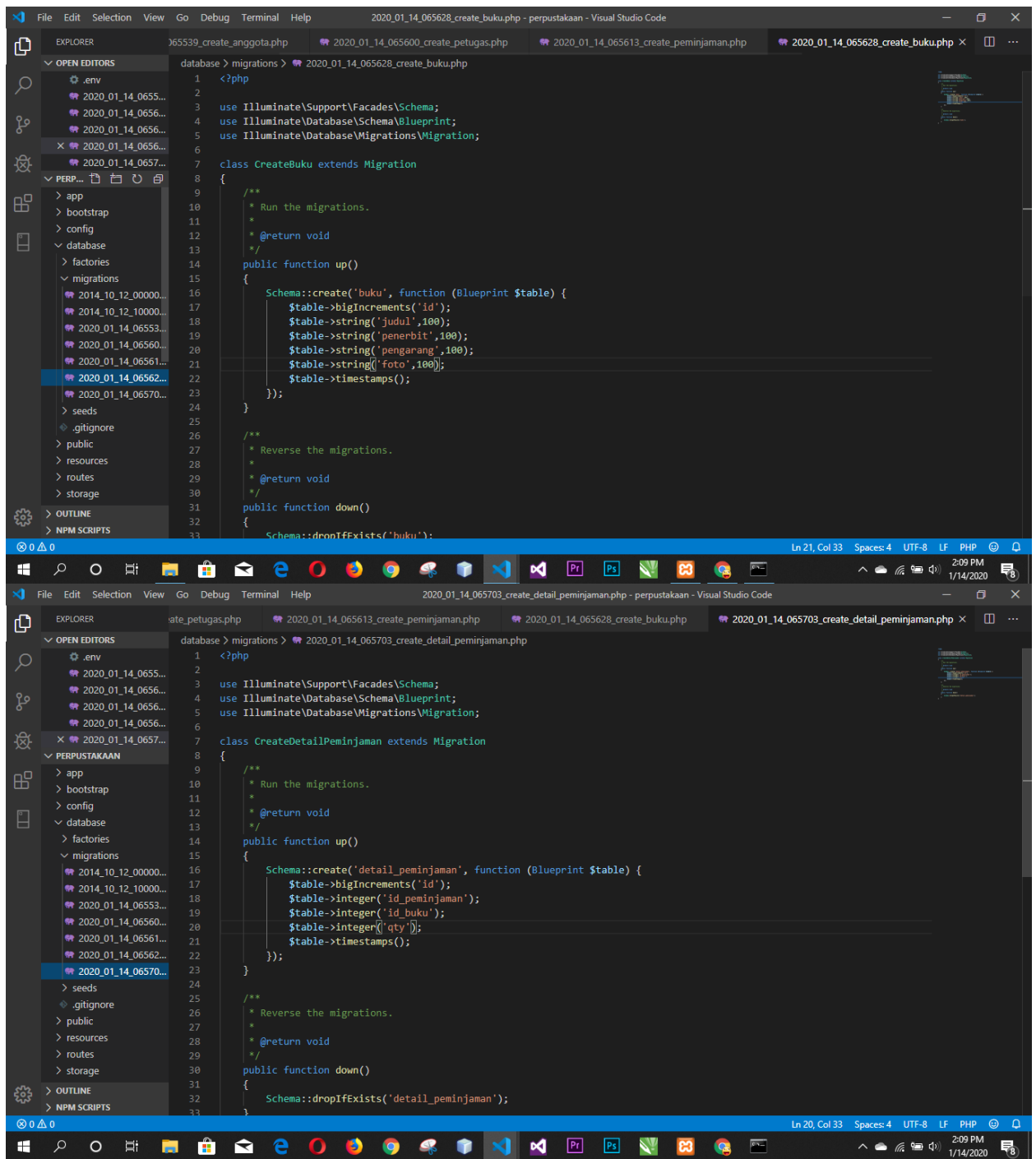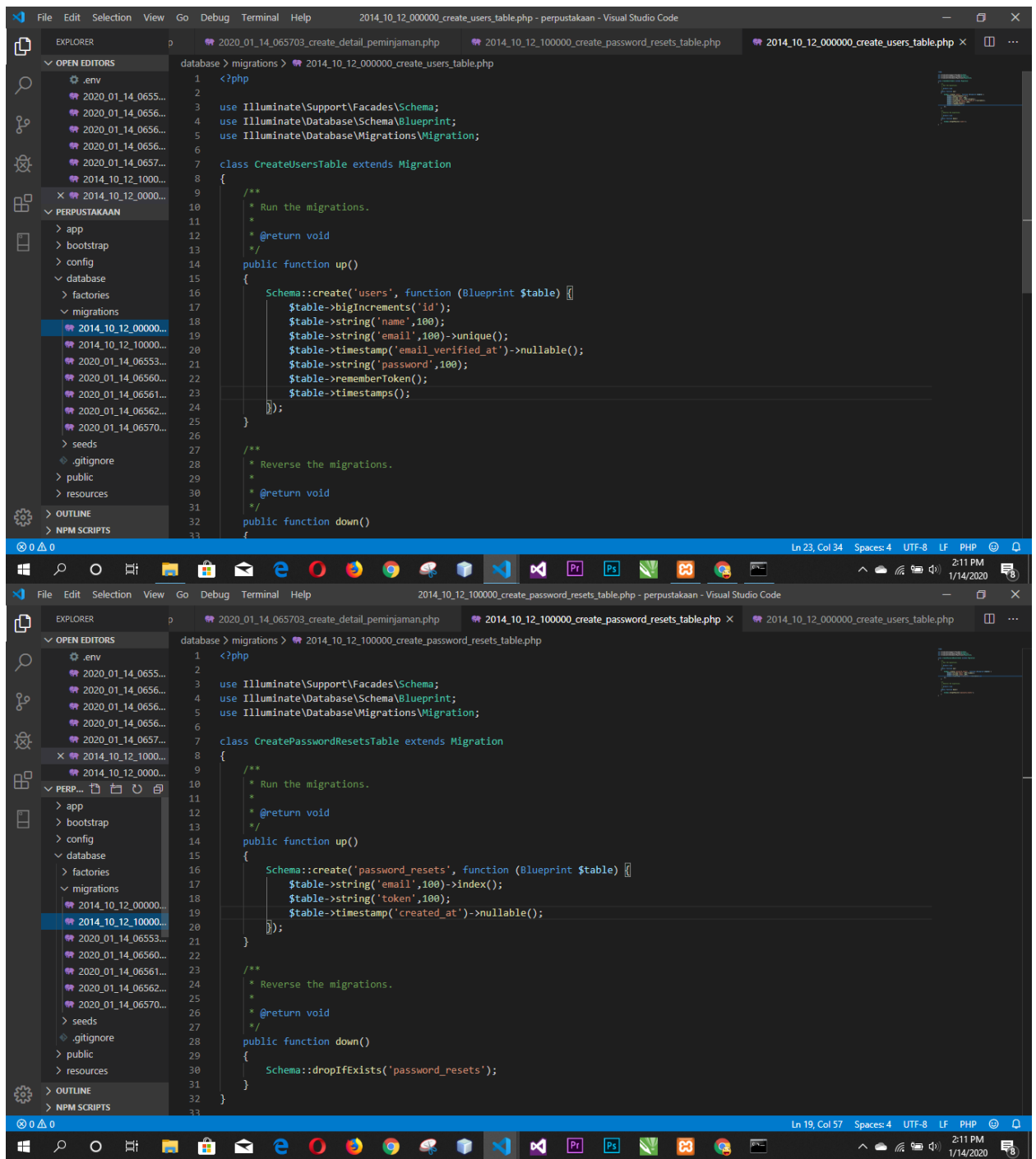
- **Mengisi tabel**

2020_01_14_065539_create_anggota.php   2020_01_14_065600_create_petugas.php ×   2020_01_14_065613_create_peminjaman.php   2020_01_14_065628_cre

database > migrations > 2020_01_14_065600_create_petugas.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreatePetugas extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('petugas', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('nama_petugas',100);
            $table->string('alamat',100);
            $table->integer('telp');
            $table->string('username',100);
            $table->string('password',100);
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
```

2020_01_14_065539_create_anggota.php   2020_01_14_065600_create_petugas.php   2020_01_14_065613_create_peminjaman.php ×   2020_01_14_065628_cre

database > migrations > 2020_01_14_065613_create_peminjaman.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreatePeminjaman extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('peminjaman', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->date('tgl_pinjam');
            $table->integer('id_anggota');
            $table->integer('id_petugas');
            $table->date('tgl_deadline');
            $table->integer('denda');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
```

Top window — database > migrations > 2020_01_14_065628_create_buku.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateBuku extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('buku', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('judul',100);
            $table->string('penerbit',100);
            $table->string('pengarang',100);
            $table->string('foto',100);
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('buku');
```

Bottom window — database > migrations > 2020_01_14_065703_create_detail_peminjaman.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateDetailPeminjaman extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('detail_peminjaman', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->integer('id_peminjaman');
            $table->integer('id_buku');
            $table->integer('qty');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('detail_peminjaman');
    }
```

File   Edit   Selection   View   Go   Debug   Terminal   Help

database > migrations > 2014_10_12_000000_create_users_table.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateUsersTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('users', function (Blueprint $table) {
            $table->bigIncrements('id');
            $table->string('name',100);
            $table->string('email',100)->unique();
            $table->timestamp('email_verified_at')->nullable();
            $table->string('password',100);
            $table->rememberToken();
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
```

File   Edit   Selection   View   Go   Debug   Terminal   Help

database > migrations > 2014_10_12_100000_create_password_resets_table.php

```php
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreatePasswordResetsTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('password_resets', function (Blueprint $table) {
            $table->string('email',100)->index();
            $table->string('token',100);
            $table->timestamp('created_at')->nullable();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('password_resets');
    }
}
```

- **Migrasi tabel**


```
D:\xampp\htdocs\perpustakaan>php artisan migrate
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (0.4 seconds)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (0.31 seconds)
Migrating: 2020_01_14_065539_create_anggota
Migrated:  2020_01_14_065539_create_anggota (0.25 seconds)
Migrating: 2020_01_14_065600_create_petugas
Migrated:  2020_01_14_065600_create_petugas (0.2 seconds)
Migrating: 2020_01_14_065613_create_peminjaman
Migrated:  2020_01_14_065613_create_peminjaman (0.18 seconds)
Migrating: 2020_01_14_065628_create_buku
Migrated:  2020_01_14_065628_create_buku (0.21 seconds)
Migrating: 2020_01_14_065703_create_detail_peminjaman
Migrated:  2020_01_14_065703_create_detail_peminjaman (0.19 seconds)

D:\xampp\htdocs\perpustakaan>
```

- **Database**