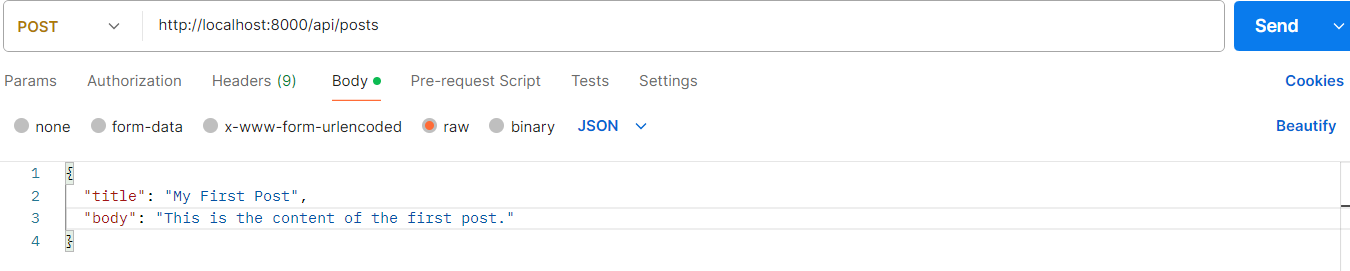
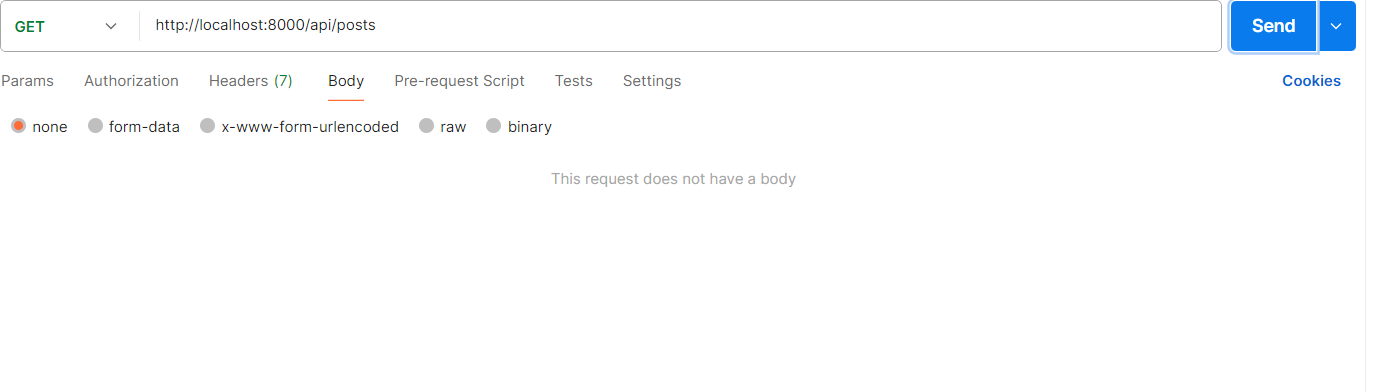
REST API in Laravel 10

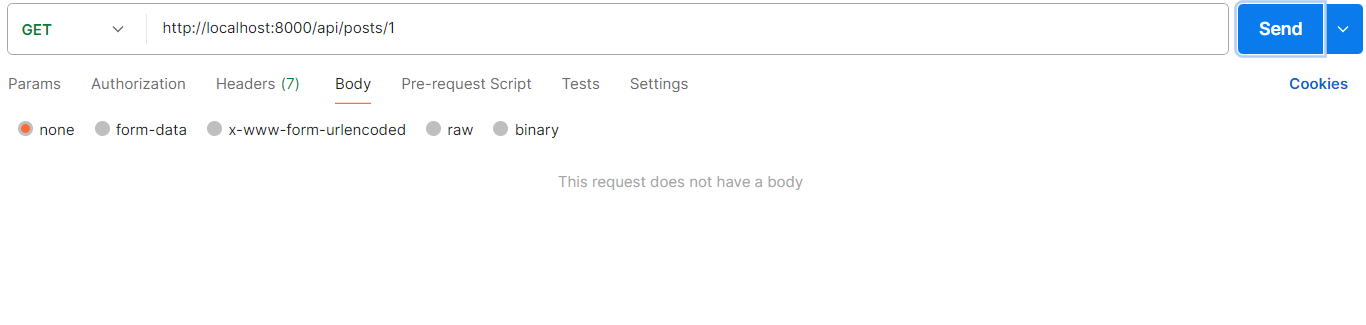
ADD



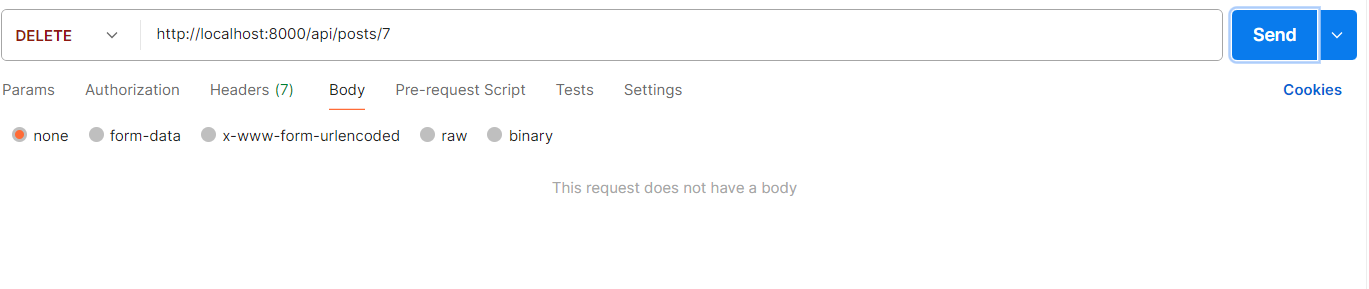
GET all records



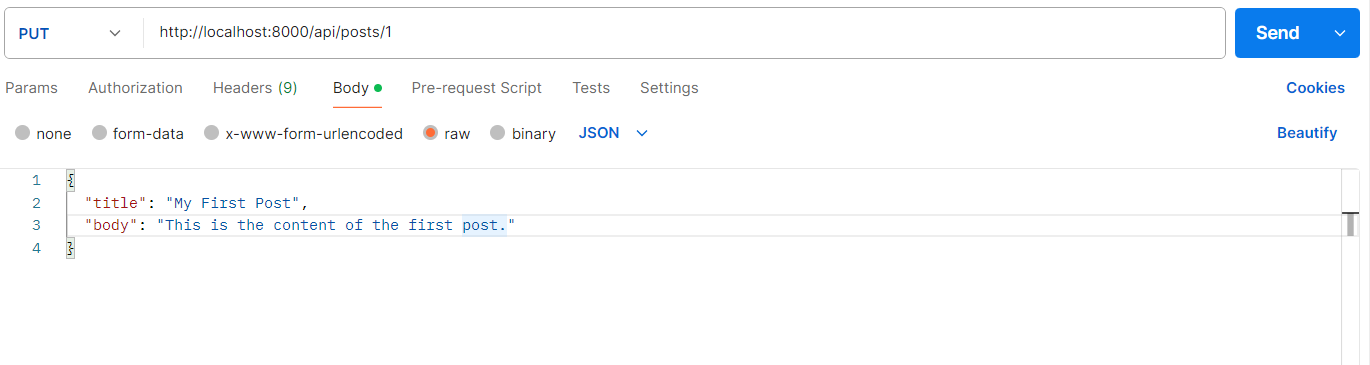
Get single record



DELETE



UPDATE



REST API using sanctum(API authentication)

composer require laravel/sanctum

php artisan vendor:publish --provider="Laravel\Sanctum\SanctumServiceProvider"

php artisan migrate

In app/Http/Kernel.php, add to api middleware group:

'api' => [

\Laravel\Sanctum\Http\Middleware\EnsureFrontendRequestsAreStateful::class,

'throttle:api',

\Illuminate\Routing\Middleware\SubstituteBindings::class,

],

In `config/auth.php`, ensure the `api` guard uses `sanctum`:

'guards' => [

'api' => [

'driver' => 'sanctum',

'provider' => 'users',

],

],

update routes/api.php

use App\Http\Controllers\AuthController;

use App\Http\Controllers\PostController;

Route::post('/register', [AuthController::class, 'register']);

Route::post('/login', [AuthController::class, 'login']);

Route::middleware('auth:sanctum')->group(function () {

Route::apiResource('posts', PostController::class);

Route::post('/logout', [AuthController::class, 'logout']);

});

php artisan make:controller AuthController

<?php

namespace App\Http\Controllers;

use App\Http\Controllers\Controller;

use App\Models\User;

use Illuminate\Http\Request;

use Illuminate\Support\Facades\Hash;

class AuthController extends Controller

{

public function register(Request $request) {

$request->validate([

'name' => 'required',

'email' => 'required|email',

'password' => 'required'

]);

$user = User::create([

'name' => $request->name,

'email' => $request->email,

'password' => bcrypt($request->password),

]);

$token = $user->createToken('api\_token')->plainTextToken;

return response()->json(['token' => $token], 201);

}

public function login(Request $request) {

$user = User::where('email', $request->email)->first();

if (! $user || ! Hash::check($request->password, $user->password)) {

return response()->json(['message' => 'Invalid credentials'], 401);

}

$token = $user->createToken('api\_token')->plainTextToken;

return response()->json(['token' => $token], 200);

}

public function logout(Request $request) {

$request->user()->currentAccessToken()->delete();

return response()->json(['message' => 'Logged out successfully']);

}

}

Update app/Models/User.php

protected $fillable = [

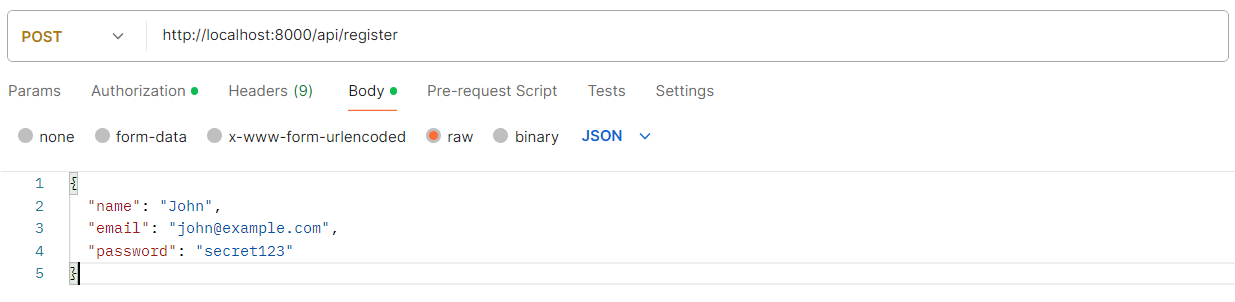
'name',

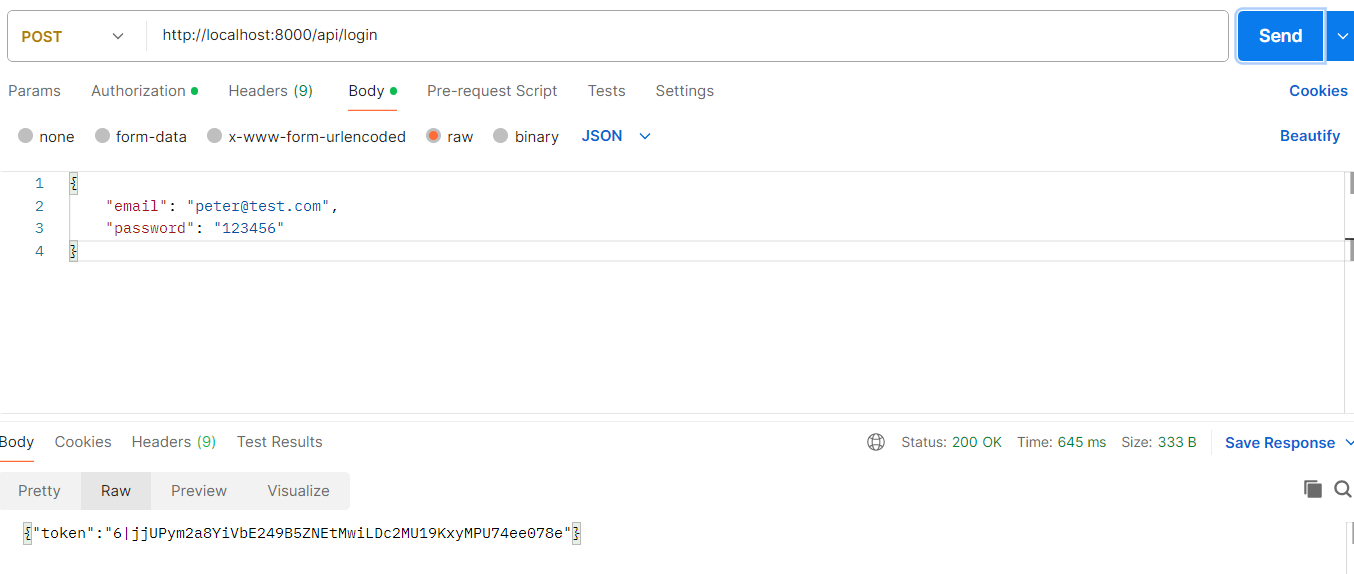
'email',

'password'

];

Rehgister

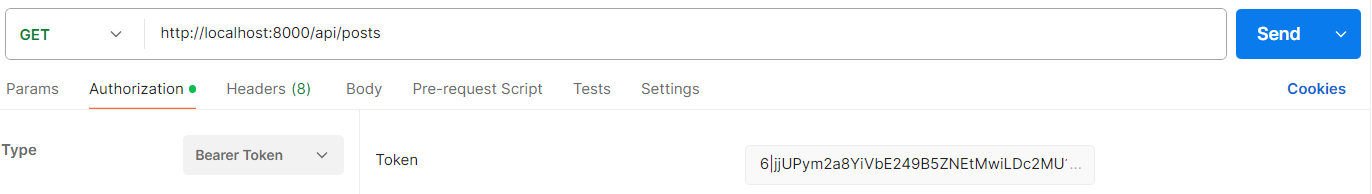




{"token":"6|jjUPym2a8YiVbE249B5ZNEtMwiLDc2MU19KxyMPU74ee078e"}

We have to use this token in authorization tab in all api call like

GET



ADD



UPDATE

