In Lumen, the default route files are routes/web.php and routes/api.php, but you can create a **custom route file** and load it in bootstrap/app.php. Here’s how you can do it:

**✅ Steps to Create a Custom Route File in Lumen**

1. **Create a new route file in the routes directory**
2. **Load the route file inside bootstrap/app.php**
3. **Define routes inside the new file**
4. **Test the new routes**

**Step 1: Create a New Route File**

Inside the routes/ directory, create a new route file. For example, if you want a custom route file for authentication, name it auth.php:

**lua**  
routes/  
│── api.php  
│── web.php  
│── auth.php <-- Custom route file

**Step 2: Load the Route File in bootstrap/app.php**

Open bootstrap/app.php and add the following line at the end of the file, after the existing route loading:

**php**  
// Load the default routes  
$app->router->group([  
 'namespace' => 'App\Http\Controllers',  
], **function** ($router) {  
 **require** **\_\_DIR\_\_** . '/../routes/web.php';  
 **require** **\_\_DIR\_\_** . '/../routes/api.php';  
 **require** **\_\_DIR\_\_** . '/../routes/auth.php'; // Load custom route file  
});

**Step 3: Define Routes Inside routes/auth.php**

Now, open routes/auth.php and define your routes:

**php**  
<?php  
  
/\*\* **@var** \Laravel\Lumen\Routing\Router $router \*/  
  
$router->group(['prefix' => 'auth'], **function** () **use** ($router) {  
 $router->post('/login', 'AuthController@login');  
 $router->post('/register', 'AuthController@register');  
 $router->post('/logout', 'AuthController@logout');  
});

**Step 4: Test the New Routes**

Start your Lumen server:

**bash**  
php -S localhost:8000 -t **public**

Then test the routes:

* **Login:** POST http://localhost:8000/auth/login
* **Register:** POST http://localhost:8000/auth/register
* **Logout:** POST http://localhost:8000/auth/logout

If everything is set up correctly, the new routes should be working!

**🔹 Why Use a Custom Route File?**

✅ Organizes routes better (e.g., separate route files for authentication, admin, users, etc.)  
✅ Makes it easier to manage large applications  
✅ Follows Laravel’s structure, making it more readable

**🚀 Summary**

1. **Create a custom route file** in routes/ (e.g., auth.php).
2. **Load the file** inside bootstrap/app.php.
3. **Define your routes** in routes/auth.php.
4. **Test the routes** in Postman or browser.

Now your Lumen project has better-structured routing! 🎯 Let me know if you need further improvements. 🚀