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SLS Application Task

WPMU DEV

So you want to work at WPMU DEV? Of course you do, why else would you be looking at this task sheet?!

Finding a good superhero to ward off evil in our endless pursuit for WordPress nirvana is darn hard work, you've got those that want to be, but can't ever be. Those that don't want to be but it's a means to an end and they'll do what they have to. You then have those that aspire to shine a light in the midsts of night, to fend off evil wherever it may lurk, to save one WordPressian at a time, to be something great.

Your completed task should be sent directly to us. Not on Github or similar. You can either answer inline, or you can create a separate text file and number the answers.

Be the hero we need, come join us in our mission at WPMU DEV!

Here are a couple of questions followed by a few tasks.

1. How would you improve upon this code?

```php
<?php
global $wpdb;
$query   = "SELECT * FROM $wpdb->postmeta WHERE meta_key = '" . $my_option_name .
"'";
$results = $wpdb->get_results( $query );
```

2. Now take a go at improving this code, reckon you can figure it out?

```php
<!-- Assume $your_name holds the previously submitted answer (if any), or empty string
-->
<label>
<span><?php _e('Your name', 'test'); ?></span>
<input type="text" name="your_name" value="<?php echo $your_name; ?>" />
</label>
```

3. Prepare the following code for localization, as best and concise as you can. Use 'test' as your translation domain:

```php
<?php
$apples = rand(0,5);
echo "We have {$apples} apples!";
```

4. Nothing is ever perfect, right? Tell us what we're doing in this code, and how can it be improved?

```php
<?php
// Assume user privileges and nonce are correctly checked
$options = array();
$options['option1'] = isset( $_POST['option1'] ) ? $_POST['option1'] : '';
update_option('my_option_key', $options);
```

5. Can you explain what might go wrong with this bit of javascript code?

```javascript
if ("object" === typeof a && "stuff" in a) {
        alert(a.stuff);
}
```

6. Can you spot a problem with this bit of javascript code?

```javascript
function get_number (string) {
        return parseInt(string);
}
```

7. Can you spot a possible problem with this bit of code?

```php
<?php
function is_not_ready_to_go() {
        return empty( get_site_option( 'my_plugin_option' ) );
}
```

8. How would you refactor this bit of code to be more concise in WordPress context?

```php
<?php
// Assume $map looks like this:
// $map = array(
//     array( 'name' => 'Name 1', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 2', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 3', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 4', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 5', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 6', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 7', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 8', 'something else' => 'whatever' ),
//     array( 'name' => 'Name 9', 'something else' => 'whatever' ),
// );

$names = array();

foreach ( $map as $data ) {
    $names[] = $data['name'];
}
```

9. Is there anything you would improve in this piece of code?

```php
<?php
// Assume js/my-custom-posts-script.js is present, and does something on posts list page
(edit.php)
function my_admin_scripts_inclusion_proc () {
    wp_enqueue_script( 'my-custom-posts-script', plugins_url(
'js/my-custom-posts-script.js',FILE ) );
}
add_action('admin_enqueue_scripts','my_admin_scripts_inclusion_proc');
```

Awesome, you've completed the tasks!

All you have to do is submit your application and wait for the team to get in contact. We'll aim to do this within 10-15 working days.

It's that simple! Good luck.