

The PHP code at the top of the lab program will now include an additional check to determine if a message has been returned. While the `if` part of the statement will not require any changes, the `else` part has a few additional changes. Note that the new `if` statement checks to see if the lab program has been called by itself. The `$_SERVER['HTTP_REFERER']` method returns `lab.php` as the calling program when `dog_interface` uses the `header` method to recall `lab.php`. In addition, the same `if` statement also checks to see if `login.php` has called `lab`. These are now the only two legitimate calls than can be made to the `lab.php` program.

Another `if` statement in the `else` block checks to see if a `$_SESSION['message']` has been returned by using the `isset` method. If it has been returned, then `lab.php` was called by `dog_interface`, because `login` does not return a `$_SESSION['message']`. The lab program now displays the message. If there is no `$_SESSION['message']`, the welcome message is displayed.

Let's now jump to the HTML code in `lab.php`. Then you'll take a look at the CSS and JavaScript code.

```
<body onload="checkJS();">
<h1>ABC Canine Shelter Reservation System</h1>
<div id="JS">
<script>
AjaxRequest('e8dog_interface.php');
</script>
<h3>Pick the dog name and breed to change from the dropdown box, then click the
button.<br>For new dog information select 'NEW'.</h3>
Select 'NEW' or Dog's Name/Breed <div id="AjaxReturnValue"></div>
<input type="button" name="selected" id="selected" value="Click to select" onclick="process_
select()" /><br><br>
<div id="input_form">
<form method="post" action="e8dog_interface.php" onSubmit="return validate_input(this)">
<h3>Please note the required format of information.</h3>
<hr>
Enter Your Dog's Name (max 20 characters, alphabetic) <input type="text" pattern="[a-zA-Z]*"
title="Up to 20 Alphabetic Characters" maxlength="20" name="dog_name" id="dog_name"
required/><br /><br />
Select Your Dog's Color:<br />
<input type="radio" name="dog_color" id="dog_color" value="Brown">Brown<br />
<input type="radio" name="dog_color" id="dog_color" value="Black">Black<br />
<input type="radio" name="dog_color" id="dog_color" value="Yellow">Yellow<br />
<input type="radio" name="dog_color" id="dog_color" value="White">White<br />
<input type="radio" name="dog_color" id="dog_color" value="Mixed" checked="">Mixed<br /><br />
Enter Your Dog's Weight (numeric only) <input type="number" min="1" max="120" name="dog_
weight" id="dog_weight" required /><br /><br />
<input type="hidden" name="dog_app" id="dog_app" value="dog" />
Select Your Dog's Breed <div id="AjaxResponse"></div><br />
<input type="hidden" name="index" id="index" value="-1"/>
<input type="submit" name="insert" id="insert" value="Click to create your dog info" />
<input type="submit" name="delete" id="delete" value="Click to remove your selected dog
info" />
<input type="submit" name="update" id="update" value="Click to update your selected dog
info" />
<hr>
</form>
</div>
</div>
```