

# CLOSE ENCOUNTERS

with  
PHP



Level 2

# Includes & Requires

Moving Into Position



# It Is Starting to Get Crowded!

index.php

```
<?php
if($_SERVER['REQUEST_METHOD'] === 'POST') {
    $date = $_POST['date'];
    $email = $_POST['email'];
    $description = $_POST['desc'];

    echo "<p>Date: $date</p>";
    echo "<p>Email: $email</p>";
    echo "<p>$description</p>";
}
?>
<!DOCTYPE html>
<html>
<head>
    <title>PHP Demo</title>
    <meta content="width=device-width, initial-scale=1" name="viewport" />
    <link rel="stylesheet" href="css/application.css" />
</head>
```



# How Can We Tidy Up the Index Page?

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Let's clean and organize our code.

- Most pages will have a header, content, and footer
- We can add HTML blocks or partials into **index.php**
- We can include compartmentalized code
- We will add a new folder structure for our project

Steps:

1. Create an **/app** folder and a **/public** folder
2. Move your **index.php** file to the **/public** folder





# Creating a Folder for Partial HTML Files

Let's create a **views** folder nested in the **app** folder.

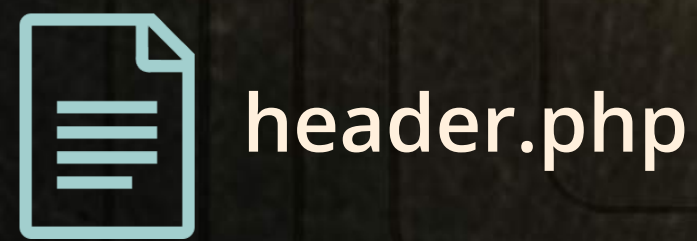
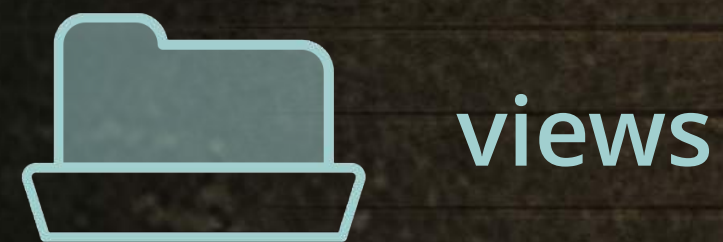


*The views folder will be used to hold our new compartmentalized HTML files*



# Creating a Folder for Partial HTML Files

Create three new files in the views folder for each of our sections.



*Create three new files in the views folder*





# Cutting & Pasting Into Your HTML Partial

public/index.php

```
...  
<head>  
  <title>PHP Demo</title>  
  <meta content="width=device-  
width, initial-scale=1"  
name="viewport" />  
  <link rel="stylesheet"  
href="css/application.css" />  
</head>  
<body>
```

*Cut & Paste Into header.php*

```
<header class="row row--a">  
  <div class="cell well--l  
tci">  
    <h1 class="mbf">Form to  
    Log</h1>  
  </div>  
</header>
```

app/views/header.php

```
<header class="row row--a">  
  <div class="cell well--l tci">  
    <h1 class="mbf">Form to Log</h1>  
  </div>  
</header>
```



*Next, we must include  
this file in index.php*



# Including the header.php File

public/index.php

```
...
?>
<!DOCTYPE html>
<html>
<head>
  <title>PHP Demo</title>
  <meta content="width=device-width, initial-scale=1" />
  <link rel="stylesheet" href="css/application.css" />
</head>
<body>
  <?php
    include( '../app/views/header.php' );
  ?>
  <main class="row">
    <div class="states">
    </div>
    <div class="cell cell--s well--l">
      <div class="mb1">
```

app/views/header.php

```
<header class="row row--a">
  <div class="cell well--l tci">
    <h1 class="mbf">Form to Log</h1>
  </div>
</header>
```

*This means look back one directory!*



# Repeating the Process for content.php

public/index.php

```
...
?>
<!DOCTYPE html>
<html>
<head>
  <title>PHP Demo</title>
  <meta content="width=device-width, initial
  <link rel="stylesheet" href="css/applicati
</head>
<body>
<?php
  include('../app/views/header.php');
  include('../app/views/content.php');
?>
  <footer class="row">
    <div class="cell well">
      <p class="tac tss"></p>
    </div>
```

app/views/content.php

```
<main class="row">
  <div class="cell cell--s well--1">
    <div class="mbl">
      <form class="" action="" method="">
        <label for="date">Date of Sign<
        <input type="text" name="date">
        <hr>
        <label for="email">Your Email<
        <input type="text" name="email">
        <hr>
        <label for="desc">Describe the
        <textarea name="desc" rows="8">
        <br>
        <br>
```



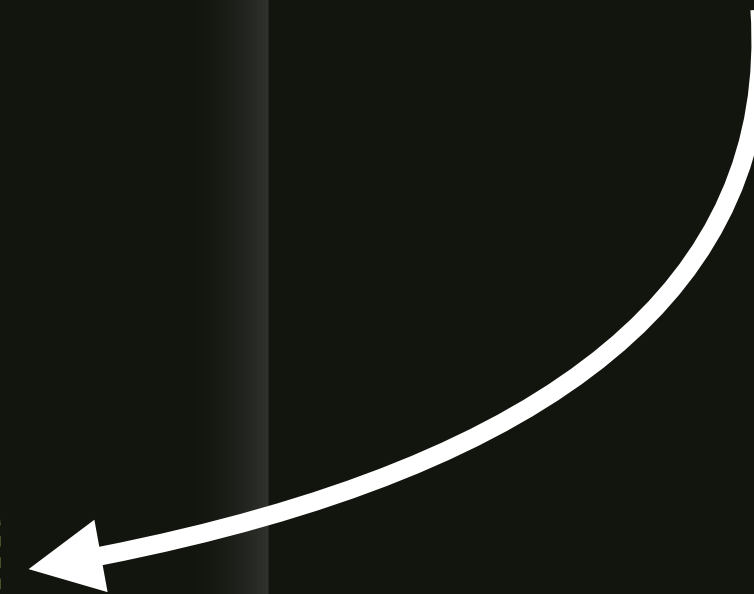
# Repeating the Process for footer.php

public/index.php

```
...
?>
<!DOCTYPE html>
<html>
<head>
  <title>PHP Demo</title>
  <meta content="width=device-width, initial-scale=1" />
  <link rel="stylesheet" href="css/application.css" />
</head>
<body>
<?php
  include('../app/views/header.php');
  include('../app/views/content.php');
  include('../app/views/footer.php');
?>
</body>
</html>
```

app/views/footer.php

```
<footer class="row">
  <div class="cell well">
    <p class="tac tss"></p>
  </div>
</footer>
```





# New & Improved index.php File

## index.php

```
...
?>
<!DOCTYPE html>
<html>
<head>
    <title>PHP Demo</title>
    <meta content="width=device-width, initial-scale=1" name="viewport" />
    <link rel="stylesheet" href="css/application.css" />
</head>
<body>
<?php
    include(' ../app/views/header.php ');
    include(' ../app/views/content.php ');
    include(' ../app/views/footer.php ');
?>
</body>
</html>
```



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