

# CLOSE ENCOUNTERS

with  
PHP



# What Are We Going to Cover?

---

Here is the structure of our course for each level.

**Level One:** HTTP requests with GET & POST

**Level Two:** Using includes and requires

**Level Three:** Custom validation and input security

**Level Four:** Composer package management and autoloading

**Level Five:** Using a validation package



# Before We Begin

---

Here are the some suggested prerequisites for this course.



## Basic HTML & CSS

Front-end Foundations & Front-end Formations



## Basic PHP

Try PHP

CLOSE  
ENCOUNTERS  
with  
PHP



# What Are We Going to Build?

---

Date of Sighting

Your Email

Describe the Sighting

Submit

Array ( [0] => "yes" must be a valid date )



Level 1

# Requests & Forms

---

GET & POST




# What Is a GET Request?

---

Here are some details about HTTP requests using the GET method.

- GET is used to request data from a resource
- GET requests show query strings and values in the URL
- GET requests can be bookmarked
- GET requests can be cached
- GET requests remain in your history
- GET requests are only for retrieving data

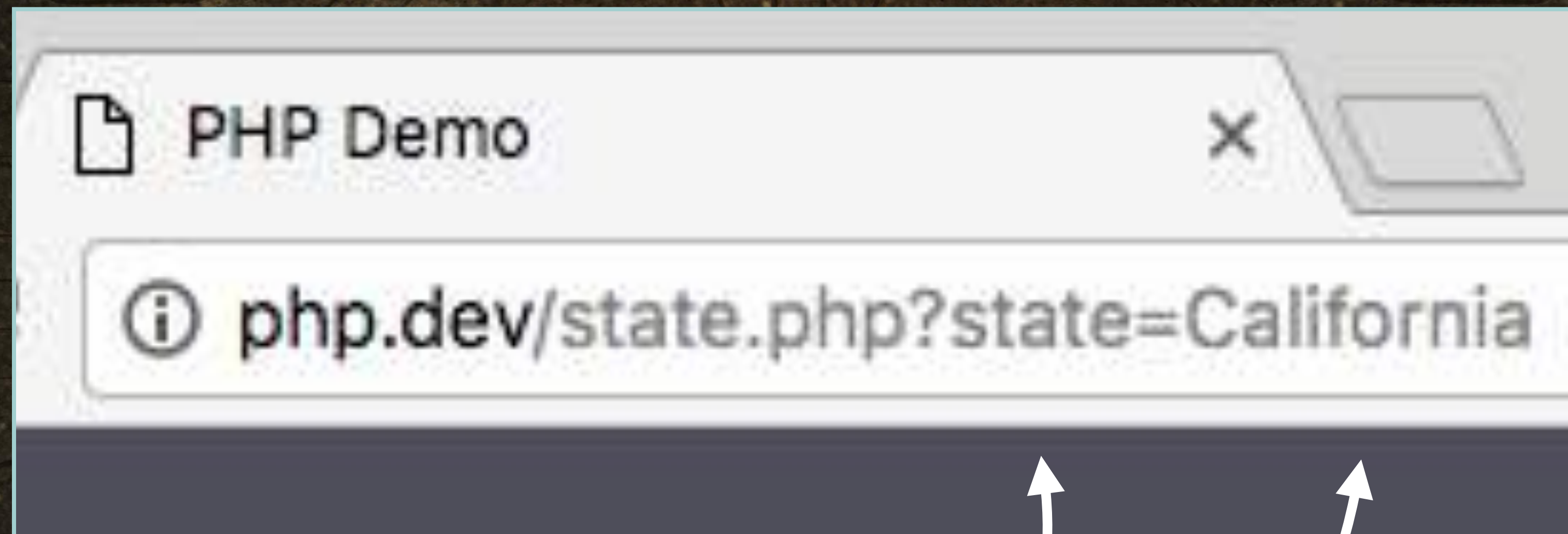


*Let's look at an example of this*



# UFO Sightings by State

Using a GET request, we will pass a query var containing the state.



Query variable

Variable value

CLOSE  
ENCOUNTERS  
with  
PHP



# Inspecting the Request

Here is an inspection of the headers of the GET request.



The screenshot shows a web browser's developer tools with the 'General' tab selected. It displays the following information:

- Request URL:** `http://php.dev/state.php?state=California`
- Request Method:** `GET`
- Status Code:** ● `200 OK`
- Remote Address:** `127.0.0.1:80`

Below the 'General' tab, there are expandable sections for 'Response Headers (6)', 'Request Headers (9)', and 'Query String Parameters'. The 'Query String Parameters' section is expanded, showing a single parameter:

Parameter	Value
state	California

*Using the GET request method*

*Our query var 'state' and value of 'California'*




# What Is a POST Request?

---

Here are some details about HTTP requests using the POST method.

- POST is used to send data to a resource
- POST requests show query names and values only in the body of the request
- POST requests are **never** bookmarked
- POST requests are **never** cached
- POST requests will not remain in your history



*Let's look at an example of this*



# Simple Form With POST Method

A simple form to request data about a state.

*The form will submit data to state.php*

state.php

```
<form class="" action="state.php" method="post">
```

```
<label for="state">State Name</label><br>
```

```
<input type="text" name="state" value="">
```

```
<hr>
```

```
<br>
```

```
<input type="submit" value="submit">
```

```
</form>
```

*Use the POST method for the form*



# Simple Form With POST Method

A simple form to request data about a state.

state.php

```
<form class="" action="state.php" method="post">
<label for="state">State Name</label><br>
<input type="text" name="state" value="">
<hr>
<br>
<input type="submit" value="submit">
</form>
```

*"state" is how we can access the data the user entered after it is passed to state.php*



# Inspecting the Request

Here is an inspection of the headers of the POST request.

▼ General

Request URL: `http://php.dev/state.php`

Request Method: `POST`

Status Code: ● 200 OK

Remote Address: `127.0.0.1:80`

► Response Headers (6)

► Request Headers (13)

▼ Form Data [view source](#) [view URL encoded](#)

state: California

*No exposed data in the URL*

*Using the POST request method*

*Our query 'state' and value of 'California'*