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OWLTURD.COM

# CSc 337

# HTTP, Query String, GET and POST

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The **PATH** to the specific resource or file within the specified domain.

The **DOMAIN** - Used to identify the location (computer, server, or group of servers) to get the resource from

`https://www.reddit.com/r/UofArizona?a=1&b=2`

The **SCHEME** (or **PROTOCOL**). Used to communicate between the browser, and the source of the page (server)

Domains can end with things other than .com

Starting domains with www isn't required, just convention

The **GET QUERY STRING** can be used to send key/value pairs

# GET Query in URL

- '?' After the path
- If multiple key/value pairs, '&' in-between each
- Format paris as 'key=value'
- '+' for spaces
- [https://www.w3schools.com/tags/ref\\_urlencode.asp](https://www.w3schools.com/tags/ref_urlencode.asp)

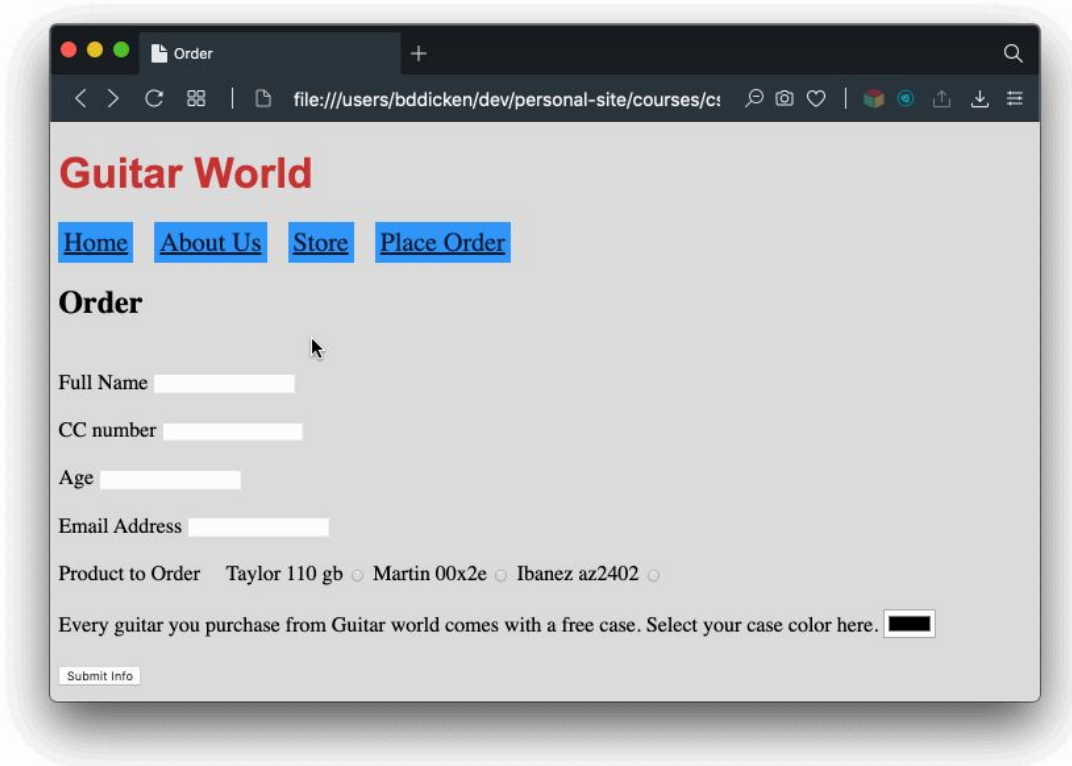
What are the params?

`https://...?arc=cur&concave=2+convex=five`

# Try It!

Can view the network requests via the console.

Let's try! (for GET and POST)



# Submitting via Get vs POST

POST URL:

`https://benjdd.com/sp`

POST request:

`POST / HTTP/1.1`

`Host: localhost`

`Content-Type: application/x-www-form-urlencoded`

`Content-Length: 7`

`name=ben&a=hi`

GET URL:

`https://benjdd.com/sp?name=ben&a=hi`

GET request:

`GET / HTTP/1.1`

`Host: localhost`

`Content-Length: 0`

# Load a Website

- Open a browser window / tab and then open the network activity viewer
- Navigate to the homepage of the course
- How many network requests were made?
- What were the network requests for?
- What types (GET or POST) of requests happened?