## Interacting with the DOM

- Already talked basics of how to navigate, view, and change the DOM
- How can we cause this to happen from within the site?
  - Not just manually running code from the console?
  - For instance, do something when a button is clicked, time has passed, page loads, etc

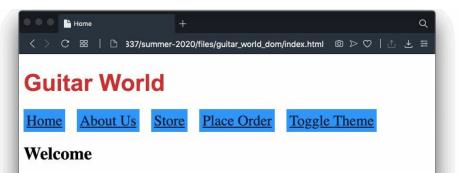
#### Js DOM events

Can specify what to happen when various **DOM events** occur

- 1. Open the console
- 2. Type document.on
- 3. Look at the options!

This is what we call event-driven programming

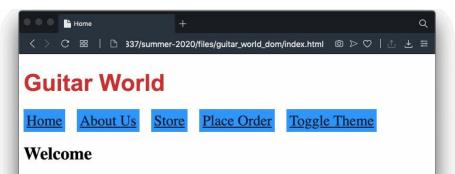
#### The Goal



Welcome to Guitar World! We are here to provide you with the best possible guitar and guitar accessory store. Place your order soon!

.

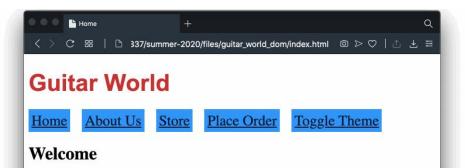
## What will be needed?



Welcome to Guitar World! We are here to provide you with the best possible guitar and guitar accessory store. Place your order soon!

.

## What will be needed?



Welcome to Guitar World! We are here to provide you with the best possible guitar and guitar accessory store. Place your order soon!

.

- Add a button
- Js function(s)
- onclick event
- Updating the color and backgorundColor via the DOM

#### How to "save" across all pages?

Use window.localStorage

#### localStorage

- Use to save values for a particular **domain**
- Saves across different pages, refreshes, and even browser restarts
- Use getItem(key) and setItem(key, value)

## Show guitar front/back. What is needed?

+			(		
sers/bddicken/dev/per	sonal-site/cour	s 🙆 🗘   🏶 🤇	• 🛨 🕹 🖸		
Guitar World					
Store Place	Order 1	oggle Them	e		
٨					
Name	Price	Description			
Taylor 110-GB	\$499.89	ABC 123			
Martin 00-X2E	\$799.00	ABC 123			
Ibanez AZ2402	\$1729.99	ABC 123			
	sers/bddicken/dev/pers	sers/bddicken/dev/personal-site/cours Caracter Place Order 1	sers/bddicken/dev/personal-site/cours © ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥		

# Show guitar front/back. What is needed?

+			(		
sers/bddicken/dev/per	sonal-site/cour	s 🙆 🗘   🇊 🤇	: 🗖 🛃 🖞		
Guitar World					
Store Place	Order 1	oggle Them	<u>e</u>		
ħ					
Name	Price	Description	2		
Taylor 110-GB	\$499.89	ABC 123			
Martin 00-X2E	\$799.00	ABC 123			
Ibanez AZ2402	\$1729.99	ABC 123	a		
	sers/bddicken/dev/pers	sers/bddicken/dev/personal-site/courses Store Place Order 1 Name Price Taylor 110-GB \$499.89 Martin 00-X2E \$799.00	sers/bddicken/dev/personal-site/cours    Store Place Order   Toggle Thema   Name Price   Description   Taylor 110-GB   \$499.89   ABC 123		

- More images
- Events: onmouseover and onmouseleave
- A function to handle the change