

https://www.google.com/search?q=satchel+paige+bobblehead&rlz=1C1CHZN_enUS963US963&oq=satchel+paige+bobble&aqs=chrome.0.0i512j69i57j0i512j0i22i30i457j0i22i30i2j0i390.6739j0j7&sourceid=chrome&ie=UTF-8

time input value

```
table: 'movie',  
  
create: (req, res)=> {  
    if(Object.keys(req.body).length === 0) {  
        res.json({  
            "error": true,  
            "message": "No fields to create"  
        })  
    } else if(!req.body.title) {  
        res.json({  
            "error": true,   
            "message": "Must include a title"  
        })  
    } else {  
        req.body.run_time = `${req.body.hr}:${req.body.min}:00`   
        delete req.body.hr;  
        delete req.body.min;  
        const fields = Object.keys(req.body)  
        const values = Object.values(req.body)  
  
        con.query(  
            `INSERT INTO movie SET ${fields.join(' = ?, ')} = ?`,  
            values,  
            
```

⌚ You, now Ln 24, Col 30 Spaces: 4 UTF-8 CRLF {} JavaScript ⌂

<https://jsfiddle.net/gengns/xcqjz9xt/>

Resume assistance

ashlee.kelly@mscoding.org

Postman

<https://web.postman.co/>

<https://reqres.in/api/users/?page=2>

<https://www.npmjs.com/package/body-parser>

<http://expressjs.com/en/resources/middleware/body-parser.html>

fetch

https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Fetching_data

https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/Introduction

<https://developer.mozilla.org/en-US/docs/Web/API>

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise/th_en

<https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/JSON>

<https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Promises>

node.js

<https://www.npmjs.com/>

<https://www.npmjs.com/search?q=keywords:packages>

<https://nodejs.dev/learn>

<https://nodejs.dev/learn/javascript-asynchronous-programming-and-callbacks>

<https://nodejs.dev/community>

<https://blog.npmjs.org/post/141577284765/kik-left-pad-and-npm>

<https://nodejs.dev/learn/how-much-javascript-do-you-need-to-know-to-use-nodejs>

<https://kinsta.com/knowledgebase/what-is-node-js/>

<https://kinsta.com/blog/best-text-editors/>

<https://nodejs.dev/learn>

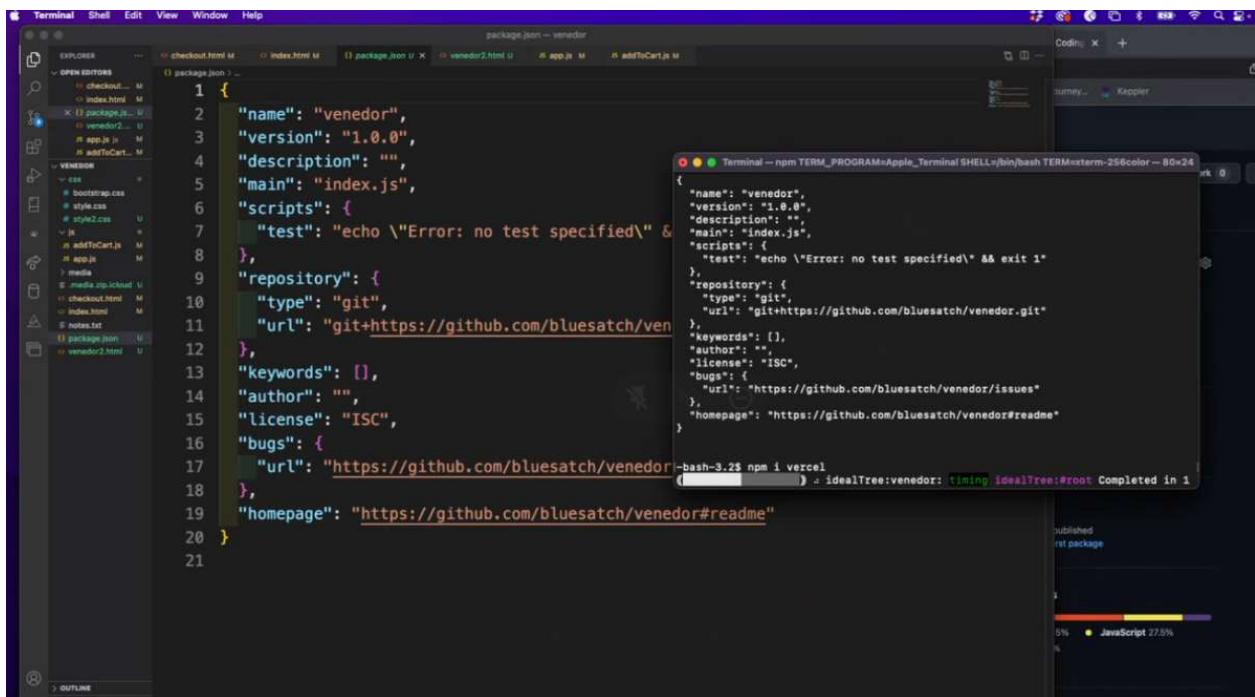
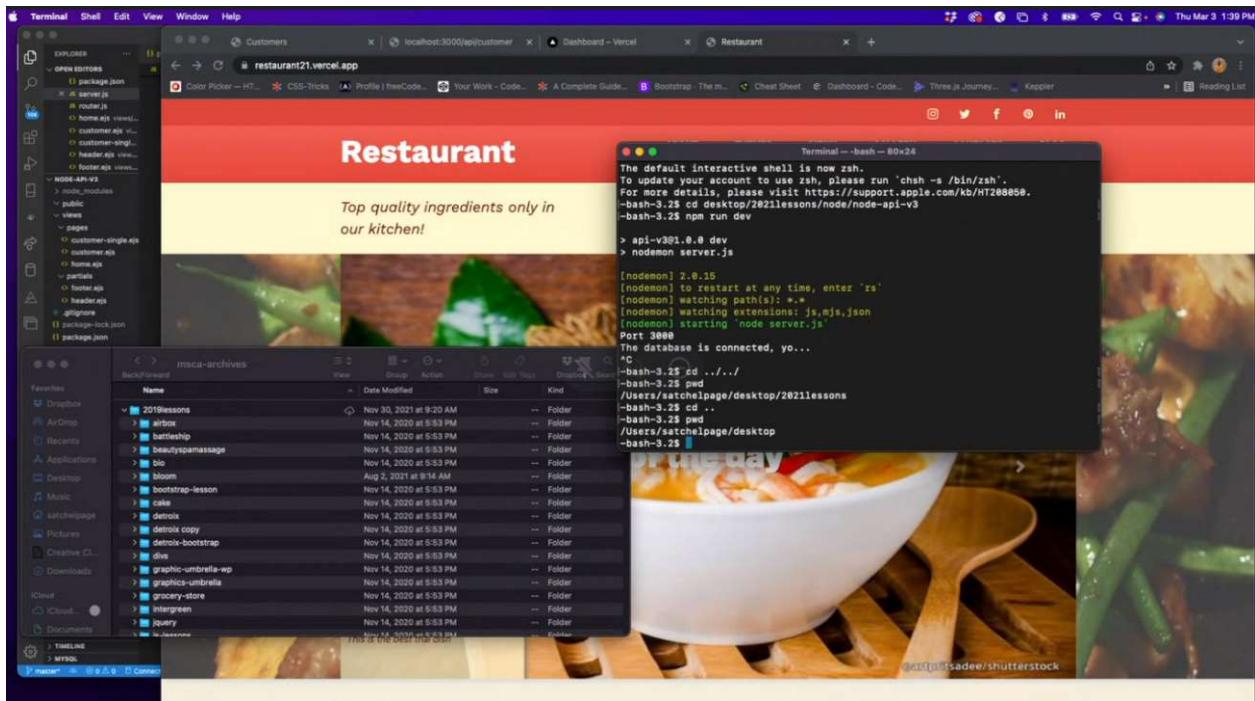
3 14 22

Thea Thomas Faulker

<https://www.jackson.k12.ms.us/site/default.aspx?PageType=3&DomainID=4&ModuleInstanceID=779&ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&RenderLoc=0&FlexDataID=36228&PageID=1>

3 3 22

Vercel hosting platform



```
package.json - vendor
1 {
  "name": "venedor",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" & exit 1",
    "deploy": "vercel --prod"
  },
  "repository": {
    "type": "git",
    "url": "git+https://github.com/bluesatch/venedor.git"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "bugs": {
    "url": "https://github.com/bluesatch/venedor/issues"
  },
  "homepage": "https://github.com/bluesatch/venedor"
},
"dependencies": {
  "vercel": "^24.0.0"
}
}

-bash-3.2$ npm i vercel
added 96 packages, and audited 97 packages in 7s
9 packages are looking for funding
  run 'npm fund' for details
found 0 vulnerabilities
-bash-3.2$ npm run deploy
/Users/satchelpage/Desktop/msca-archives/2019lessons/venedor
-bash-3.2$ npm run deploy
|> vercel@1.0.0 deploy
|> vercel --prod
Vercel CLI 24.0.0
? Set up and deploy "~/Desktop/msca-archives/2019lessons/venedor"? [Y/n] y
```

```
package.json - vendor
1 {
  "name": "venedor",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" & exit 1",
    "deploy": "vercel --prod"
  },
  "repository": {
    "type": "git",
    "url": "git+https://github.com/bluesatch/venedor.git"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "bugs": {
    "url": "https://github.com/bluesatch/venedor/issues"
  },
  "homepage": "https://github.com/bluesatch/venedor"
},
"dependencies": {
  "vercel": "^24.0.0"
}
}

-bash-3.2$ npm i vercel
added 96 packages, and audited 97 packages in 7s
9 packages are looking for funding
  run 'npm fund' for details
found 0 vulnerabilities
-bash-3.2$ npm run deploy
/Users/satchelpage/Desktop/msca-archives/2019lessons/venedor
-bash-3.2$ npm run deploy
|> vercel@1.0.0 deploy
|> vercel --prod
Vercel CLI 24.0.0
? Set up and deploy "~/Desktop/msca-archives/2019lessons/venedor"? [Y/n] y
? Which scope do you want to deploy to? satchwerk
? Link to existing project? [y/N] n
? What's your project's name? vendor
? In which directory is your code located? .
? No .vercel directory. Default Project Settings:
  - Build Command: 'npm run build' or 'npm run build'
  - Output Directory: 'public' if it exists, or '.'
  - Development Command: None
? Want to override the settings? [y/N] n
? Linked to satchwerk/venedor (created .vercel and added it to .gitignore)
? Inspect: https://vercel.com/satchwerk/venedor/ZHlWp0UzragAs9W2ewgAzDqyZD1m [2s]
? Building
```

<https://intellipaat.com/blog/tutorial/sql-tutorial/sql-commands-cheat-sheet/>

<https://code.visualstudio.com/shortcuts/keyboard-shortcuts-windows.pdf>

<https://tahoeninjas.blog/2019/03/30/multi-cursor-editing-in-visual-studio-code/>

<https://www.meetup.com/Jackson-Area-Web-And-App-Developers/>

SAMPLE VIN

5YJSA1DG9DFP14705

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '-> INNER JOIN rental AS r
-> ON c.customer_id = r.' at line 2
mysql> SELECT c.first_name, c.last_name, time(r.rental_date) rental_time
-> FROM customer AS c
-> INNER JOIN rental AS r
-> ON c.customer_id = r.customer_id
-> WHERE date(r.rental_date) = '2005-06-14'
-> ORDER BY c.last_name;
+-----+-----+
| first_name | last_name | rental_time |
+-----+-----+
| DANIEL     | CABRAL    | 23:09:38   |
| CATHERINE  | CAMPBELL  | 23:17:03   |
| HERMAN     | DEVORE    | 23:35:09   |
| AMBER      | DIXON     | 23:42:56   |
| JOYCE      | EDWARDS   | 23:16:26   |
| JEANETTE   | GREENE    | 23:54:46   |
| SONIA      | GREGORY   | 23:50:11   |
| TERRENCE   | GUNDERSON | 23:47:35   |
| CHARLES    | KOWALSKI  | 23:54:34   |
| MATTHEW    | MAHAN     | 23:25:58   |
| GWENDOLYN  | MAY       | 23:16:27   |
| MIRIAM     | MCKINNEY  | 23:07:08   |
| ELMER      | NOE       | 22:55:13   |
| JEFFERY    | PINSON    | 22:53:33   |
| MINNIE     | ROMERO   | 23:00:34   |
| TERRANCE   | ROUSH     | 23:12:46   |
+-----+-----+
16 rows in set (0.01 sec)

mysql> |
```

```
mysql> SELECT c.first_name, c.last_name, time(r.rental_date) rental_time
-> FROM customer AS c
-> INNER JOIN rental AS r
-> ON c.customer_id = r.customer_id
-> WHERE date(r.rental_date) = '2005-06-14';
+-----+-----+-----+
| first_name | last_name | rental_time |
+-----+-----+-----+
| JEFFERY    | PINSON    | 22:53:33
| ELMER      | NOE        | 22:55:13
| MINNIE     | ROMERO    | 23:00:34
| MIRIAM     | MCKINNEY   | 23:07:08
| DANIEL     | CABRAL    | 23:09:38
| TERRANCE   | ROUSH     | 23:12:46
| JOYCE      | EDWARDS   | 23:16:26
| GWENDOLYN  | MAY        | 23:16:27
| CATHERINE  | CAMPBELL  | 23:17:03
| MATTHEW    | MAHAN     | 23:25:58
| HERMAN     | DEVORE    | 23:35:09
| AMBER      | DIXON     | 23:42:56
| TERRENCE   | GUNDERSON | 23:47:35
| SONIA      | GREGORY   | 23:50:11
| CHARLES    | KOWALSKI  | 23:54:34
| JEANETTE   | GREENE    | 23:54:46
+-----+-----+-----+
16 rows in set (0.01 sec)

mysql> |
```

```
mysql> SELECT c.first_name, c.last_name, count(*)
-> FROM customer c
-> INNER JOIN rental r
-> ON c.customer_id = r.customer_id
-> GROUP BY c.first_name, c.last_name
-> HAVING count(*) >=40;
+-----+-----+-----+
| first_name | last_name | count(*) |
+-----+-----+-----+
| TAMMY     | SANDERS   |    41 |
| CLARA     | SHAW      |    42 |
| ELEANOR   | HUNT      |    46 |
| SUE       | PETERS    |    40 |
| MARCIA    | DEAN      |    42 |
| WESLEY    | BULL      |    40 |
| KARL      | SEAL      |    45 |
+-----+-----+-----+
7 rows in set (0.03 sec)

mysql> |
```

```

mysql> DESC rental;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rental_id | int | NO | PRI | NULL | auto_increment |
| rental_date | datetime | NO | MUL | NULL | |
| inventory_id | mediumint unsigned | NO | MUL | NULL | |
| customer_id | smallint unsigned | NO | MUL | NULL | |
| return_date | datetime | YES | | NULL | |
| staff_id | tinyint unsigned | NO | MUL | NULL | |
| last_update | timestamp | NO | | CURRENT_TIMESTAMP | DEFAULT_GENERATED on update CURRENT_TIMESTAMP |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> SELECT c.first_name, c.last_name, count(*)
-> FROM customer c
-> INNER JOIN rental r
-> ON c.customer_id = r.customer_id
-> GROUP BY c.first_name, c.last_name
-> HAVING count(*) >=40;|

```

```

mysql> SELECT *
-> FROM customer
-> WHERE last_name = "Smith";
+-----+-----+-----+-----+-----+-----+-----+
| customer_id | store_id | first_name | last_name | email | address_id | active | create_date | last_update |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | MARY | SMITH | MARY.SMITH@sakilacustomer.org | 5 | 1 | 2006-02-14 22:04:36 | 2006-02-15 04:57:20 |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT concat(cust.last_name, ' ', cust.first_name) full_name
-> FROM customer
-> WHERE first_name = "JESSIE"
-> ) cust;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ') cust' at line 4
mysql> SELECT concat(cust.last_name, ' ', cust.first_name) full_name
-> FROM
-> (SELECT first_name, last_name, email
-> FROM customer
-> WHERE first_name = 'JESSIE'
-> ) cust;
+-----+
| full_name |
+-----+
| BANKS, JESSIE |
| MILAM, JESSIE |
+-----+
2 rows in set (0.00 sec)

mysql> |

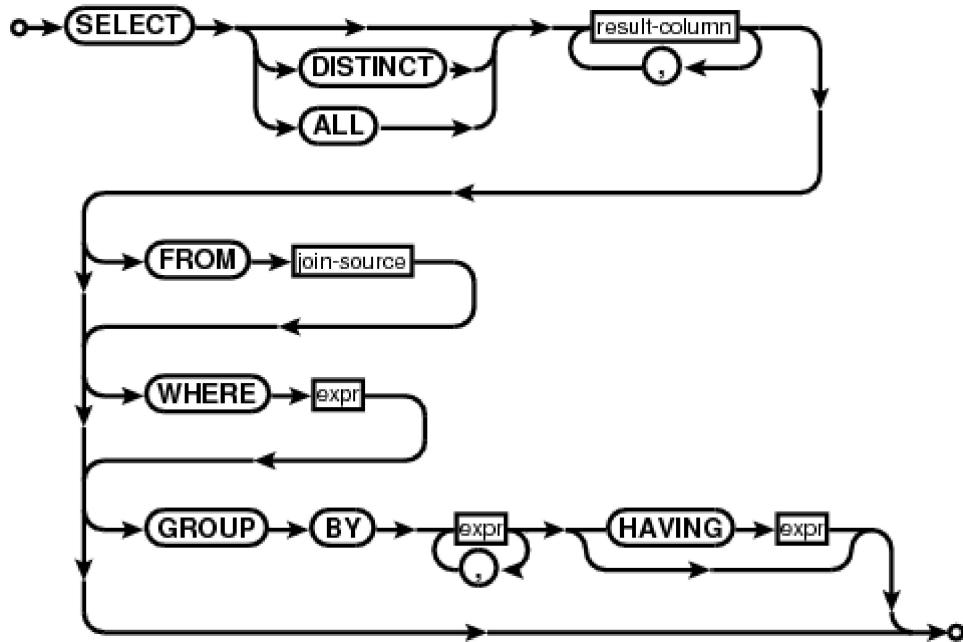
```

```

mysql> DESC customer;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| customer_id | smallint unsigned | NO | PRI | NULL | auto_increment |
| store_id | tinyint unsigned | NO | MUL | NULL | |
| first_name | varchar(45) | NO | | NULL | |
| last_name | varchar(45) | NO | MUL | NULL | |
| email | varchar(50) | YES | | NULL | |
| address_id | smallint unsigned | NO | MUL | NULL | |
| active | tinyint(1) | NO | | 1 | |
| create_date | datetime | NO | | NULL | |
| last_update | timestamp | YES | | CURRENT_TIMESTAMP | DEFAULT_GENERATED on update CURRENT_TIMESTAMP |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> |

```



```

lorra@LAPTOP-F1E3QTTH MINGW64 /
$ mysql
ERROR 1045 (28000): Access denied for user 'ODBC'@'localhost' (using password: N
O)

```

```

lorra@LAPTOP-F1E3QTTH MINGW64 /
$ mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 21
Server version: 8.0.28 MySQL Community Server - GPL

```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

```
+-----+
| Database      |
+-----+
| information_schema |
| mysql          |
| performance_schema |
| sakila         |
| sys            |
| world          |
+-----+
6 rows in set (0.01 sec)
```

```
mysql> use sakila;
Database changed
mysql> show tables;
+-----+
| Tables_in_sakila      |
+-----+
| actor                |
| actor_info            |
| address               |
| category              |
| city                 |
| country               |
| customer              |
| customer_list          |
| film                 |
| film_actor             |
| film_category          |
| film_list              |
| film_text              |
| inventory              |
| language               |
| nicer_but_slower_film_list |
| payment               |
| rental                |
+-----+
```

```
| sales_by_film_category    |
| sales_by_store           |
| staff                     |
| staff_list                |
| store                     |
+-----+
23 rows in set (0.01 sec)
```

```
mysql> select * from city;
```

```
mysql> select * from city where city_id < 5;
+-----+-----+-----+
| city_id | city      | country_id | last_update   |
+-----+-----+-----+
| 1 | A Corua (La Corua) | 87 | 2006-02-15 04:45:25 |
| 2 | Abha        | 82 | 2006-02-15 04:45:25 |
| 3 | Abu Dhabi    | 101 | 2006-02-15 04:45:25 |
| 4 | Acua        | 60 | 2006-02-15 04:45:25 |
+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from city where city = abha;
ERROR 1054 (42S22): Unknown column 'abha' in 'where clause'
mysql>
```

```
mysql> select * from city where city = "London";
+-----+-----+-----+
| city_id | city      | country_id | last_update   |
+-----+-----+-----+
| 312 | London | 102 | 2006-02-15 04:45:25 |
| 313 | London | 20 | 2006-02-15 04:45:25 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from city where country_id = 20;
+-----+-----+-----+-----+
| city_id | city      | country_id | last_update   |
+-----+-----+-----+-----+
| 179 | Gatineau   |    20 | 2006-02-15 04:45:25 |
| 196 | Halifax    |    20 | 2006-02-15 04:45:25 |
| 300 | Lethbridge |    20 | 2006-02-15 04:45:25 |
| 313 | London     |    20 | 2006-02-15 04:45:25 |
| 383 | Oshawa     |    20 | 2006-02-15 04:45:25 |
| 430 | Richmond Hill | 20 | 2006-02-15 04:45:25 |
| 565 | Vancouver  |    20 | 2006-02-15 04:45:25 |
+-----+-----+-----+
7 rows in set (0.00 sec)
```

```
mysql> select * from city where country_id = 102;
+-----+-----+-----+-----+
| city_id | city      | country_id | last_update   |
+-----+-----+-----+-----+
| 88 | Bradford  |    102 | 2006-02-15 04:45:25 |
| 149 | Dundee    |    102 | 2006-02-15 04:45:25 |
| 312 | London     |    102 | 2006-02-15 04:45:25 |
| 494 | Southampton |    102 | 2006-02-15 04:45:25 |
| 495 | Southend-on-Sea | 102 | 2006-02-15 04:45:25 |
| 496 | Southport  |    102 | 2006-02-15 04:45:25 |
| 500 | Stockport  |    102 | 2006-02-15 04:45:25 |
| 589 | York       |    102 | 2006-02-15 04:45:25 |
+-----+-----+-----+
8 rows in set (0.00 sec)
```

```
mysql>
```

developer video

► 1.1.a- Distributed Cloud Apps--Fundamentals--Why Cloud Apps?

@Lorraine ,

meetup.com/Jackson-Area-Web-And-App-Developers/events/283482864/?rv=me1&_xtd=gatlbWFpbF9jbGlja9oAJDhkODEwZDQ3LWIxMGQtNDk4Yi1iNDAwLWE4NzgxZTI1YTE1Yw
<https://jacksondevs.tech/>

three.js 3js 3.js

E u r o 2 0 2 0 !

gitbash user line

lorra@LAPTOP-F1E3QTTH MINGW64

mySQL password Root

```
MSCoding 21@LAPTOP-3GCQV9OH MINGW64 ~
$ mysql -u root -p root
Enter password: ****
ERROR 1049 (42000): Unknown database 'root'

MSCoding 21@LAPTOP-3GCQV9OH MINGW64 ~
$ mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 28
Server version: 8.0.28 MySQL Community Server - GPL

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sakila |
| sys |
| world |
+-----+
5 rows in set (0.00 sec)

mysql> |
```

 Password meets requirements

Retype password * 

Country * 

Name * 

Job Title * 

Work Phone * 

Company Name * 

Address * 

City * 

State/Province  

ZIP/Postal Code * 

oracle
Codecademy
E u r o 2 0 2 0 !

presentation zoom link

<https://us02web.zoom.us/j/3240732238?pwd=QXgrd0s3ZGpHOUU2RVMzQjhVjFzZz09>

Meeting ID: 324 073 2238

Passcode: 819814

Python Discord group

<https://discord.gg/FvK2GvQQHQ>

<https://prod.liveshare.vsengsaas.visualstudio.com/join?5C7BBE40CD695686CC4E9711446D97226296>

<https://www.codecademy.com/learn/learn-java/modules/learn-java-hello-world/cheatsheet>

Lauren

ledavid180@gmail.com

Things to do 1 6 22

Activities	tasks	goal
Project	<ul style="list-style-type: none">~~use Adobe XD for page layoutrewrite from scratch in laptop using Bootstraptest and rebuild each block of code before adding to the working versionfinish all the functions and layout by the second check-inbe ready to present on 1/24	Check-in #1: 1/13 - 14 Check-in #2: 1/20 - 21 Due date Check-in #3 : 1/27 - 28 Evaluations 2/1-3/22
Codecademy	Java	complete by March 15
FreeCodeCamp	Python	complete by March 15

old projects	work in Java and Python	complete by May 1
Robotics group	Raspberry Pi and Python	TBA
kids Robotics	find out more	TBA
Github	update Github with new projects repair and upload Portfolio: spelling of Mandela, remove borders add FCC JS Certificate	be updated by the first check-in on 1/13

	S	M	T	W	T	F	S
					<p><input type="checkbox"/> 6 PM prep for game idea</p> <p>All day prep for game idea Check out Adobe XD for layout ideas Create files on laptop for new Cryptoquip with Bootstrap</p>	<p><input type="checkbox"/> 7 All day prep for game idea Check out Adobe XD for layout ideas Create files on laptop for new Cryptoquip with Bootstrap</p>	<p><input type="checkbox"/> 8 Wireframe the project</p>
	<p><input type="checkbox"/> 9 Finish wireframe Begin home page HTML & CSS</p>	<p><input type="checkbox"/> 10 Continue basic HTML and CSS for the page In progress: switching the positions for the alphabet display and the scoreboard display</p>	<p><input type="checkbox"/> 11 Continue working on HTML and CSS</p>	<p><input type="checkbox"/> 12 Finish HTML and CSS Update Portfolio and Github Create Cryptoquote repository Practice for the first check-in:</p>	<p><input type="checkbox"/> 13 Check-in 1 Be ready to present the first version of the game HTML & CSS JS code: constructor functions database of quotations Create the class constructor with the initial variables Begin importing and testing the functions Try to interface the JS to display the results of the functions on the page Begin DOM manipulation Display letterValues on</p>	<p><input type="checkbox"/> 14 Check-in 1 Absent: Julie's procedure in H'burg</p>	<p><input type="checkbox"/> 15 Begin DOM manipulation Display quotation cipherQuote alphabet tiles score Add event listeners to buttons</p>

					titles		
	16 Add event listeners to buttons make sure everything displays correctly begin conditionals	17 display scoreboard change alphabet and solution tiles on click	18 nearly finished buyLetter enable action buttons scoreboard display except score	19 separate buyLetter into different functions write SolveLetter connect start button make sure solve a letter buy a letter work score make sure start button, category buttons bonus buttons work	20 Check-in 2 I'm going to check in Friday unless Herb thinks I need to check in earlier total disaster rebuilding the program and breaking buyLetter into smaller functions had to get Aquita to help—no luck there either	21 Check-in 2 Not happening Be ready to present a working game with at least three quotations that are selected randomly	22
	23 got quotation display working for buyLetter and solveLetter broke the display for the solution tiles got scoreboard to display count correctly	24 asked for help: got constructors working, disabling buttons, ----- get start button connected with init, finish the constructors finish the functions and put them in the constructor	25 added DOM elements to JS by id for display	26 repair the display for the solution tiles make sure scoring works be able to end a game write game end html write a function for unused letters debug init and page load states add display triggers for Ethan will help slicing the quotation into segments < 20 characters in a line access buttons add event listeners to button for level, category, and start add timer dry run for entire game if all goes well, check-in on Thur; if not, check in on Fri Just found out I can go last on the third day	27	28	29
	30	31 Head doctor	1 Body doctor	2	3	4	5

		Evaluation	Evaluation				
	6	7 Dentist 3:30					

Practice for the first check-in:

- page load
 - rules
 - choose level*
 - choose category*
 - generate quotation
 - generate cipher
 - display cipherquote and alphabet
 - choose action:
 - buy a letter
 - solve a letter
 - >>BUY
 - >>DISPLAY
 - letter clicked in alphabet
 - click confirm choice
 - letter value
 - total instances
 - total cost
 - new score = score - cost
 - all instances of the letter in the quotation
 - change color of all instances in the cryptoquote
 - choose another action
-
- >>SOLVE
 - >>DISPLAY
 - letter clicked in cryptoquote
 - change color of all instances of the letter in the cryptoquote
 - click confirm choice
 - >>CORRECT CHOICE
 - >>DISPLAY
 - all instances of the letter in quotation
 - letter color is changed in cryptoquote
 - letter value
 - total instances
 - total points
 - new score = score + points
 - change color of all instances in the cryptoquote
 - check game state
 - choose another action
 - >>INCORRECT CHOICE
 - >>DISPLAY
 - all instances of letter change color back to original quotation text color
 - new score = score - cost
 - check game state
 - choose another action
- >>GAME OVER
 >>WIN
 >>Solve cryptoquote before running out of points
- >>LOSE
 >>Run out of points before solving the puzzle

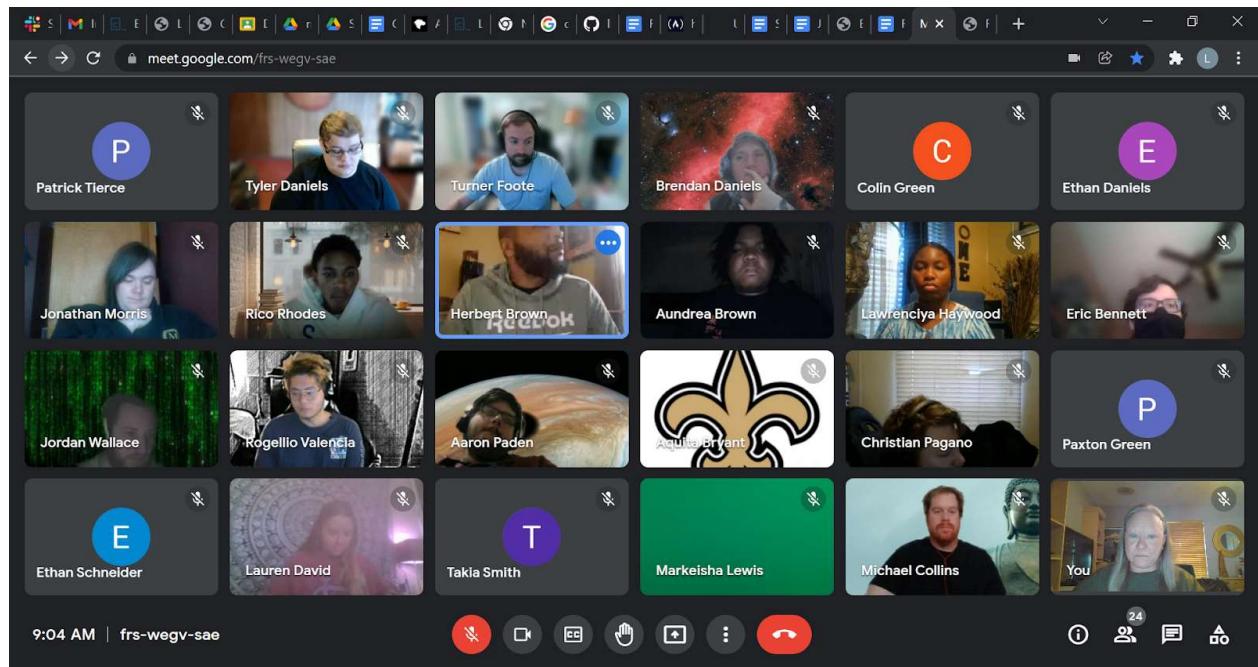
Practice for 2nd check-in

Set timer

3 levels: Bunny, Basic, Genius

include audio and video: Carmen(?)

```
>>GAME OVER  
>>WIN  
>>Solve cryptoquote before running out of points or time  
  
>>LOSE  
>>Run out of points or time before solving the puzzle
```



1/4/22 To do

Update portfolio, correct errors, add js certificate

Cryptoquote: interface html and js, add timer function, add buy a letter function, talk to Mom about scoring, get ideas for gameboard

<https://www.nytimes.com/2022/01/03/technology/wordle-word-game-creator.html>

Lobaki

Unity

Unreal

[JavaScript Algorithms and Data Structures Certification | freeCodeCamp.org](https://freeCodeCamp.org)

https://youtu.be/jofNR_WkoCE

Python book

https://www.amazon.com/Python-Crash-Course-Eric-Matthes-ebook/dp/B07J4521M3/ref=sr_1_2_sspa?keywords=learn+python&qid=1638319863&sr=8-2-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVvPUE3NUdUNk0xRVNOTEomZW5jcnlwdGVkSWQ9QTAyNTc0NTIyVDZHRFo5Tjk5VEpXJmVuY3J5cHRIZEFkSWQ9QTA5ODg2MTI4NzITRIE5U0RCRkQmd2IkZ2V0TmFtZT1zcF9hdGYmYWN0aW9uPWNsaWNrUmVkaXJIY3QmZG9Ob3RMb2dDbGljaz10cnVI

Games

<https://www.youtube.com/watch?v=lhNdUVh3qCc&t=2705s>

https://www.google.com/search?q=concentration+game+in+javascript&rlz=1C1CHZN_enUS963US963&oq=concentration+game+in+javascript&aqs=chrome..69i57j0i22i30.7322j0j7&sourceid=chrome&ie=UTF-8

pngfind.com

[Regex Tester and Debugger Online - Javascript, PCRE, PHP](#)

https://learnbyexample.github.io/learn_js_regex/Exercise_solutions.html

<https://developer.mozilla.org/en-US/docs/Web/API/HTMLFormElement>
<https://www2.oberlin.edu/physics/dstyer/InvitationToQM/ent>

[Invitation to Quantum Mechanics](#) Dan Styer

Dan Styer cd .. /

Wakeman, Ohio 7h ago

"Our society isn't good at cultivating [imagination]."

Here's what I do to cultivate imagination, as a professor of physics:

(1) When I teach a lab I give the students a lab manual that states: "If you follow this lab manual in a solid, adept way – nothing wrong, nothing to be ashamed of – you have earned a B. To earn an A you must follow this lab manual in a solid, adept way, plus do something above and beyond following this lab manual: suggest or, even better, execute a new experiment; ask thoughtful, probing questions; raise issues not brought up in this lab manual. I can't give you explicit instructions for earning an A, because you earn an A by creatively going beyond following instructions."

At first, students grumble that I'm asking the impossible. By the end of the semester almost all students are earning the grade of A and having fun doing it.

(2) In many courses I have the students write a question at the end of each class. I tell them "The ability to answer questions is an important skill, and your work in college, including this course, gives you lots of practice to develop that skill. The ability to ask questions is an equally important skill -- Einstein said "The important thing is not to stop questioning" -- but college work typically affords less practice in this skill."

(3) In my book "Invitation to Quantum Mechanics", every chapter ends with a problem asking for questions.

I recommend these practices to all teachers at all levels in all disciplines.

[Eclipse Packages | The Eclipse Foundation - home to a global community, the Eclipse IDE, Jakarta EE and over 350 open source projects...](#)

We Will Code JS Tutorials

 [Introduction to the ES6 Challenges, freeCodeCamp Intro to ES6 Challenges on FreeCode...](#)

[JavaScript Array of Objects Tutorial – How to Create, Update, and Loop Through Objects Using JS Array Methods \(freecodecamp.org\)](https://www.freecodecamp.org/news/javascript-array-of-objects-tutorial-how-to-create-update-and-loop-through-objects-using-js-array-methods/)

<https://www.jitterywhiteguymusic.com/2020/05/the-windbreakers-time-machine-1982-2002.html>

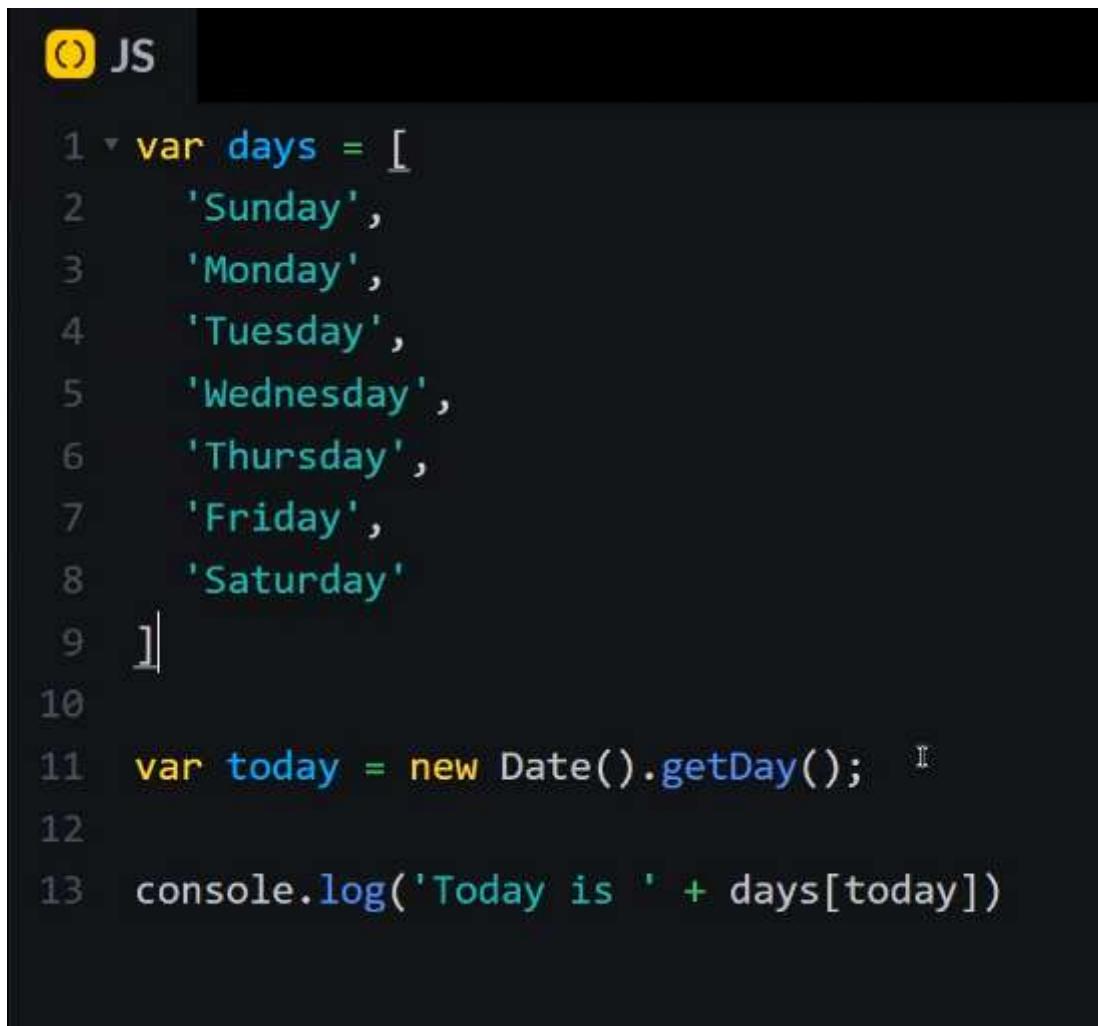
conversion site

<https://exceljet.net/excel-functions/excel-convert-function>

Build a calculator in JS

<https://www.youtube.com/watch?v=j59qQ7YWLxw>

Ethan's day array



The screenshot shows a code editor window with a dark theme. In the top left corner, there is a yellow circular icon with a white circle inside, followed by the text "JS". The main area contains the following JavaScript code:

```
1 var days = [
2   'Sunday',
3   'Monday',
4   'Tuesday',
5   'Wednesday',
6   'Thursday',
7   'Friday',
8   'Saturday'
9 ]
10
11 var today = new Date().getDay();    I
12
13 console.log('Today is ' + days[today])
```

Patrick's snippet for JS

```
if(keyPresses.w){  
    direction[1] -= 1;  
}  
  
if(keyPresses.s){  
    direction[1] += 1;  
}  
  
if(keyPresses.a){  
    direction[0] -= 1;  
}  
  
if(keyPresses.d){  
    direction[0] += 1;  
}
```

Pseudocode

<https://link.springer.com/content/pdf/bbm%3A978-1-4471-5173-9%2F1.pdf>

https://users.csc.calpoly.edu/~jdalbey/SWE/pdl_std.html

JS script link

<script src="js/app1.js"></script>

JS ES6 videos

<https://www.youtube.com/playlist?list=PLF4Fpfzm6lg26usBOMI-Jf7aGuJWQJB6W>

Programming links

<https://www.computerscience.org/resources/computer-programming-languages/>

<https://www.kdnuggets.com/2021/05/top-programming-languages.html>

<https://www.codecademy.com/learn/learn-java>

<https://www.programiz.com/java-programming>

<https://mikkegoes.com/how-to-start-learning-coding/>

books

<https://linustechtips.com/topic/290363-best-python-book/>

<https://mikkegoes.com/learning-python-with-python-crash-course/>

Evaluation link

Tuesday

<https://us02web.zoom.us/j/84014269883?pwd=V3l3c0M3bFQ0cU1iL3pOczNIOEpmUT09>

Final check-in order

Lauren David9:54 AM

Bennett, Eric

Boudreaux, Katelyn8

Brown, Aundrea11

Collins,Micheal12

Crawford,Aaron13

Daniels, Brendan14

Daniels, Tyler15

Foote, Turner16

Green, Colin9

Green, Paxton17

Haywood, Lawrenciya18

Lewis, Markeisha19

Morris, Jonathan7

Noel, Jack20

Odegbami, Remilekun21

Paden, Aaron22Partridge, Lorraine23

Rhodes, Rico24

Schneider, Ethan25

Smith, Takia26

Tierce, Patrick6

Valencia, Rogellio4

Vallecilo, Daniel10

Wallace, Jordan5

Wallace, Keitron3

Cryptoquote game

cycle through the alphabet until the letters for the cryptoquote freeze

<https://www.linkedin.com/in/lorraine-partridge-12222119/>

<https://iansymmonds.org/blog/2018/3/22/changing-the-world-through-education>

<https://kenwheeler.github.io/slick/> slider notes

github push

git commands for first commit:

- git init
- git add -all
- git commit -m "first commit"
- git branch -M main
- git remote add origin (url)
- git push -u origin main

git commands for following commits

- git add --all
- git commit -m "message"
- git push

<https://www.toptal.com/designers/product-design/guide-to-onboarding-ux>

<https://www.toptal.com/designers/htmlarrows/>

@NATALIEGSHARMA

Or email: hello@nataliesharma.com

@nataliegsharma on Twitter ; hello@nataliesharma.com (If you have questions!)

Getting Started in Adobe XD with Howard Pinsky - 1 of 2

<https://www.xdguru.com/> best tutorial so far

<https://webdesign.tutsplus.com/tutorials/how-to-start-wireframing-with-adobe-experience-design-xd--cms-31185>

<https://medium.com/drill/learning-the-basics-of-adobe-xd-in-one-hour-3537f3ac02a3>

[The Strange Orbit of Earth's Second Moon \(plus The Planets\) - Numberphile - YouTube](#)

<https://history.nasa.gov/SP-4012/vol4/ch2.htm>

<https://historycollection.jsc.nasa.gov/JSCHistoryPortal/history/HouHistory/HoustonHistory-Fall08.pdf>

Developer portfolios

<https://bruno-simon.com/>

https://elementor.com/blog/web-design-portfolio-examples/?utm_source=google&utm_medium=cpc&utm_campaign=10759652828&utm_term=&gclid=Cj0KCQjw1ouKBhC5ARIsAHXNMI8g-r6oKPnvrGu2Hamz1I_LUTSOmi_7xF4ZSY1L_E2Thy5otHUzlwaAqgEEALw_wcB

<https://www.sliderrevolution.com/design/web-developer-portfolio-examples/>

<https://www.freecodecamp.org/news/15-web-developer-portfolios-to-inspire-you-137fb1743cae/>

Onboarding a new product

<https://www.toptal.com/designers/product-design/guide-to-onboarding-ux>

link from Aaron

<https://www.youtube.com/playlist?list=PLpQQipWcxwt8vVzFpoJS5TtCh8Ktke9TH>

Do This!

<https://udemycourses.me/the-ultimate-three-js-course-free-download/>

<https://www.freecodecamp.org/news/15-web-developer-portfolios-to-inspire-you-137fb1743cae/>

<https://bootcamp.berkeley.edu/resources/coding/learn-bootstrap/>

<https://teamtreehouse.com/community/how-do-i-put-icons-inside-of-input-fields>

<https://blog.logrocket.com/how-to-style-forms-with-css-a-beginners-guide/>

<https://www.freecodecamp.org/news/css-flexbox-tutorial-with-cheatsheet/>

<https://www.atlassian.com/git/tutorials/learn-git-with-bitbucket-cloud>

<https://unicode-table.com/en/00AB/>

https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Backgrounds_and_Borders/Box-shadow_generator

Ethan's way of centering the search and form

```

90
91 @media (max-width: 767px) {
92     .slogan-text {
93         font-size: 36px;
94     }
95 }
96
97 form {
98     position: relative;
99     left: 50%;
100    transform: translateX(-50%);
101    width: 80%;
102    height: 60px;
103    /* border: 4px solid black; */
104 }
105
106 input {
107     position: absolute;
108     top: 0;
109     right: 0;
110     bottom: 0;
111     left: 0;
112
113     width: 100%;
114     background-color: var(--sec);
115     border-color: var(--textColor);
116 }

```

<https://stackoverflow.com/questions/35351353/missing-visible-and-hidden-in-bootstrap-v4>

<https://www.pair.com/support/kb/understanding-bootstraps-grid-system/>

<https://bootcamp.berkeley.edu/resources/coding/learn-bootstrap/>

Palettes

bronze		746966	8f847f	aea19d	c4b9b6	dfd4ce
metallic blue 1		121423	292738	434355	84828e	909194

metallic blue 2			#363c59			
metallic green 1						
morganite		#2c1a10	#6e2f0e	#c46f36	#f5c095	fdedcc
opal 1		0396ad	7cd46c	e0a5a0	e9be7b	eef061
alexandrite 1		251a2b	6a9ba9	687e93	c8e6ee	cacdd6
metallic blue 1 linear gradient						
	737687	#e4e7f4				
						

Bootstrap

[Introduction · Bootstrap \(getbootstrap.com\)](https://getbootstrap.com)

```
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
      >
```

integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

- [bezier curve generator - Google Search](#)
- [Bezier Curves - YouTube](#)
- [cubic-bezier\(.4,.9,.63,.33\) ↗ cubic-bezier.com](#) Curve generator Very cool!

<https://www.myfonts.com/WhatTheFont>

-
- [15 best websites every designer should visit in 2021 | Webflow Blog](#)
- [Unicode Accents | Emw3.com](#)
-
-

```
<div class="col-md-6 col-lg-3 footer-column">
    <h3 class="subheader footer-subheader">
        id="my_account">my account</h3>
        <div class="navbar d-block">
            <ul class="footer-nav-list account-list">
                <li class="footer-list-item">
                    <a href="#" class="nav-link footer-nav-link">My account</a>
                </li>
                <li class="footer-list-item"><a href="#" class="nav-link footer-nav-link">Personal information</a>
                </li>
                <li class="footer-list-item">
                    <a href="#" class="nav-link footer-nav-link">Addresses</a>
                </li>
                <li class="footer-list-item"><a href="#" class="nav-link footer-nav-link">Discount</a>
                </li>
                <li class="footer-list-item"><a href="#" class="nav-link footer-nav-link">Orders history</a>
                </li>
                <li class="footer-list-item"><a href="#" class="nav-link footer-nav-link">Your vouchers</a>
                </li>
            </ul>

        </div>
    </div>
    <div class="col-md-6 col-lg-3 footer-column">
        <h3 class="subheader footer-subheader">
            id="information">information</h3>
            <ul class="footer-nav-list account-list">
                <li class="footer-list-item">
```

```

            <a href="#link" class="nav-link
footer-nav-link">New products</a>
        </li>
        <li class="footer-list-item"><a href="#link"
class="nav-link footer-nav-link">Top sellers</a>
        </li>
        <li class="footer-list-item">
            <a href="#link" class="nav-link
footer-nav-link">Specials</a>
        </li>
        <li class="footer-list-item"><a href="#link"
class="nav-link footer-nav-link">Manufacturers</a>
        </li>
        <li class="footer-list-item"><a href="#link"
class="nav-link footer-nav-link">Suppliers</a>
        </li>
        <li class="footer-list-item"><a href="#link"
class="nav-link footer-nav-link">Our stores</a>
        </li>
    </ul>
</div>

```

`font-size: calc(16px + (24 - 16) * (100vw - 300px) / (800 - 300));`

<https://www.smashingmagazine.com/2016/05/fluid-typography/>

fluid typography

min font size

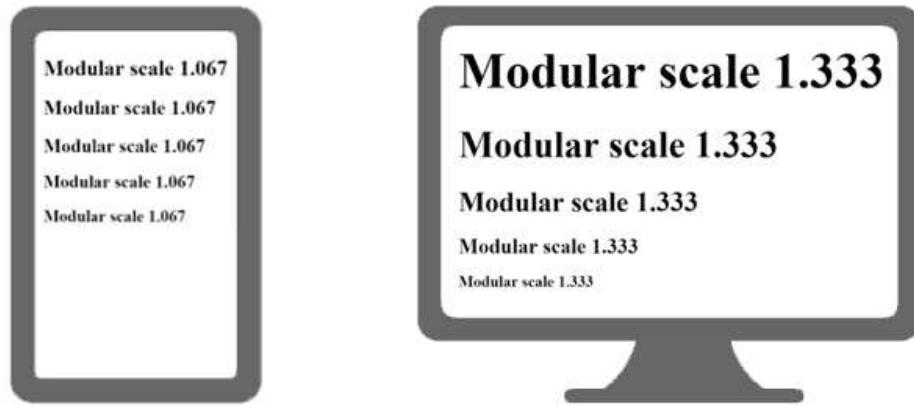
min screen size

`font-size: calc(16px + (24 - 16) * (100vw - 400px) / (800 - 400));`

max font size - min font size

max screen size - min screen size

use formula for the parent container to resize the container as the screen size changes



On a small screen, heading sizes should be more uniform; a large screen has room for greater variation. We can use the typographic techniques described above to fluidly transition between different modular scales. Simply pick a ratio for small screens and a different ratio for large screens, and then work out the minimum and maximum font sizes for each heading level.

To calculate the modular scale, take the base font size and multiply it by the desired ratio to get larger numbers. For smaller numbers, divide. Repeat this process with subsequent results to get each required step in the scale.

LARGER

- $1\text{em} \times 1.125\text{em} = 1.125\text{em}$
- $1.125\text{em} \times 1.125\text{em} = 1.266\text{em}$
- $1.266\text{em} \times 1.125\text{em} = 1.424\text{em}$
- $1.424\text{em} \times 1.125\text{em} = 1.602\text{em}$

SMALLER

- $1\text{em} \div 1.125\text{em} = 0.889\text{em}$
- $0.889\text{em} \div 1.125\text{em} = 0.790\text{em}$
- $0.790\text{em} \div 1.125\text{em} = 0.702\text{em}$
- $0.702\text{em} \div 1.125\text{em} = 0.624\text{em}$

Let's use 1.125 as our minimum scale and do the same calculations for 1.250 as our maximum scale. We'd then apply different steps in the scale to our heading levels.

- Minimum scale: 1.125
- Maximum scale: 1.250

Heading level	Minimum font size	Maximum font size
Heading 1	1.602em	2.441em
Heading 2	1.424em	1.953em
Heading 3	1.266em	1.563em
Heading 4	1.125em	1.250em

I've set up an example of [fluid modular scale headings on Codepen](#) for you to look at. You can read more about the significance of modular scales in Tim Brown's article "[More Meaningful Typography](#)."

If you need help choosing an appropriate scale, I recommend the websites [Type Scale](#) by Jeremy Church and [Modular Scale](#) by Tim Brown and Scott Kellum.

kyle hill edutainer

<https://github.com/lhpartridge>

Block-level Elements

A block-level element always starts on a new line.

A block-level element always takes up the full width available (stretches out to the left and right as far as it can).

A block level element has a top and a bottom margin, whereas an inline element does not.

The `<div>` element is a block-level element.

Example

```
<div>Hello World</div>
```

[Try it Yourself »](#)

Here are the block-level elements in HTML:

```
<address>  
<article>  
<aside>  
<blockquote>
```

```
<canvas>
<dd>
<div>
<dl>
<dt>
<fieldset>
<figcaption>
<figure>
<footer>
<form>
<h1>-<h6>
<header>
<hr>
<li>
<main>
<nav>
<noscript>
<ol>
<p>
<pre>
<section>
<table>
<tfoot>
<ul>
<video>
```

Inline Elements

An inline element does not start on a new line.

An inline element only takes up as much width as necessary.

This is a `` element inside a paragraph.

Example

```
<span>Hello World</span>
```

[Try it Yourself »](#)

Here are the inline elements in HTML:

```
<a>
<abbr>
<acronym>
<b>
<bdo>
<big>
<br>
<button>
<cite>
<code>
<dfn>
<em>
<i>
<img>
<input>
<kbd>
<label>
<map>
<object>
```

```
<output>
<q>
<samp>
<script>
<select>
<small>
<span>
<strong>
<sub>
<sup>
<textarea>
<time>
<tt>
<var>
```

Note: An inline element cannot contain a block-level element!

Technical Documentation Page tests

- passes:2
- failures:14
- duration:0.02
-

• #Technology Stack

- 1. You can use HTML, JavaScript, and CSS to complete this project. Plain CSS is recommended because that is what the lessons have covered so far and you should get some practice with plain CSS. You can use Bootstrap or SASS if you choose. Additional technologies (just for example jQuery, React,

Angular, or Vue) are not recommended for this project, and using them is at your own risk. Other projects will give you a chance to work with different technology stacks like React. We will accept and try to fix all issue reports that use the suggested technology stack for this project. Happy coding!

• #Content

1. I can see a <main> element with a corresponding id="main-doc", which contains the page's main content (technical documentation).

```
There is no element with an id of 'main-doc' : expected null to not equal null
```

```
AssertionError: There is no element with an id of 'main-doc' : expected null to not equal null
```

```
    at Proxy.c  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:1889)
```

```
    at Proxy.u  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)
```

```
    at Function.n.IsNotNull  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1549)
```

```
    at n.<anonymous>  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:124143)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477
```

```
    at ny.Tg.run  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)
```

```
    at r.Qg.runTest  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616
```

```
    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

```
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103
```

2. Within the #main-doc (<main>) element, I can see several <section> elements, each with a class of "main-section". There should be a minimum of 5.

```
There are no .main-section elements within #main-doc : expected 0 to be above 0
```

```
AssertionError: There are no .main-section elements within #main-doc : expected 0 to be above 0
```

```
at Proxy.f
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:2957)
```

```
at Proxy.u
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)
```

```
at Function.n.isAbove
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:960)
```

```
at n.<anonymous>
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:124651)
```

```
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477
```

```
at ny.Tg.run
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)
```

```
at r.Qg.runTest
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

```
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616
```

```
at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

```
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103
```

3. The first element within each .main-section should be a <header> element which contains text that describes the topic of that section.

No elements with the class "main-section" are defined : expected 0 to be above 0

AssertionError: No elements with the class "main-section" are defined : expected 0 to be above 0

at Proxy.f
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:549:2957)

at Proxy.u
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:431:130)

at Function.n.isAbove
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:574:960)

at n.<anonymous>
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:608:125547)

at <https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:259477

at ny.Tg.run
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:259772)

at r.Qg.runTest
(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274680)

at <https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:275616

at o (<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274033)

O at

<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274103

4. Each <section> element with the class of "main-section" should also have an id comprised of the <header> innerText contained within it, with underscores in place of spaces. The id may include special characters if there are special characters in the respective <header> innerText. (e.g. The <section> that contains the header, "JavaScript &

Java", should have a corresponding id="JavaScript_&_Java").

No elements with the class "main-section" are defined : expected 0 to be above 0

AssertionError: No elements with the class "main-section" are defined : expected 0 to be above 0

at Proxy.f

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:549:2957)

at Proxy.u

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:431:130)

at Function.n.isAbove

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:574:960)

at n.<anonymous>

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:608:126236)

at <https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:259477

at ny.Tg.run

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:259772)

at r.Qg.runTest

(<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274680)

at <https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:275616

at o (<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274033)

O at

<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js>:593:274103

5. The .main-section elements should contain at least 10 <p> elements total (not each).

There are not at least 10 <p> elements throughout all of the elements with the class of 'main-section' : expected 0 to be at least 10

```
AssertionError: There are not at least 10 <p> elements throughout all of the elements
with the class of 'main-section' : expected 0 to be at least 10

    at Proxy.p
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:3833)

    at Proxy.u
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)

    at Function.n.isAtLeast
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1030)

    at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:126994)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

    at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

    at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

https://cdn.freecodecamp.org/testable-projects-fcc/v1/bund
le.js:593:274103

6. The .main-section elements should contain at least 5 <code> elements total (not each).

There are not at least 5 <code> elements throughout all of the elements with the class
of 'main-section' : expected 0 to be at least 5

```
AssertionError: There are not at least 5 <code> elements throughout all of the
elements with the class of 'main-section' : expected 0 to be at least 5
```

```
    at Proxy.p
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:3833)

    at Proxy.u
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)

    at Function.n.isAtLeast
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1030)

    at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:127289)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

    at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

    at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

```
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bund
le.js:593:274103
```

7. The .main-section elements should contain at least 5 items total (not each).

There are not at least 5 elements throughout all of the elements with the class of 'main-section' : expected 0 to be at least 5

AssertionError: There are not at least 5 elements throughout all of the elements with the class of 'main-section' : expected 0 to be at least 5

```
    at Proxy.p
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:3833)
```

```
    at Proxy.u
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)

    at Function.n.isAtLeast
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1030)

    at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:127583)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

    at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

    at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

```
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bund
le.js:593:274103
```

8. I can see a <nav> element with a corresponding id="navbar".

There is no element with the id of 'navbar'.: expected null to not equal null

```
AssertionError: There is no element with the id of 'navbar'.: expected null to not
equal null
```

```
    at Proxy.c
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:1889)
```

```
    at Proxy.u
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)
```

```
    at Function.n.IsNotNull
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1549)
```

```
at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:127851)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bund
le.js:593:274103

9. The navbar element should contain one <header> element which contains text that describes the topic of the technical documentation.

Cannot read property 'getElementsByName' of null

TypeError: Cannot read property 'getElementsByName' of null

```
at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:128296)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

```
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103
at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:272852)
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:273918
```

O at xy
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:599:14311)

10. Additionally, the navbar should contain link (<a>) elements with the class of "nav-link". There should be one for every element with the class "main-section".

The element with the id of "navbar" does not contain any elements with the class of "nav-link" : expected 0 to be above 0

AssertionError: The element with the id of "navbar" does not contain any elements with the class of "nav-link" : expected 0 to be above 0

```
at Proxy.f
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:2957)
```

```
at Proxy.u
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)
```

```
at Function.n.isAbove
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:960)
```

```
at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:128787)
```

```
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477
```

```
at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)
```

```
at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

```
at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616
```

at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)

O at

https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103

O 11. The <header> element in the navbar must come before any link (<a>) elements in the navbar.

12. Each element with the class of "nav-link" should contain text that corresponds to the <header> text within each <section> (e.g. if you have a "Hello world" section/header, your navbar should have an element which contains the text "Hello world").

No elements with the class "nav-link" have been defined : expected 0 to be above 0

AssertionError: No elements with the class "nav-link" have been defined : expected 0 to be above 0

at Proxy.f

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:2957)

at Proxy.u

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)

at Function.n.isAbove

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:960)

at n.<anonymous>

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:129926)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

at ny.Tg.run

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

at r.Qg.runTest

(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)

at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616

```
at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

```
○      at
```

```
    https://cdn.freecodecamp.org/testable-projects-fcc/v1/bund  
    le.js:593:274103
```

13. When I click on a navbar element, the page should navigate to the corresponding section of the "main-doc" element (e.g. If I click on a "nav-link" element that contains the text "Hello world", the page navigates to a <section> element that has that id and contains the corresponding <header>.

```
No elements with the class "nav-link" have been defined : expected 0 to be above 0
```

```
AssertionError: No elements with the class "nav-link" have been defined : expected 0  
to be above 0
```

```
    at Proxy.f
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:2957)
```

```
    at Proxy.u
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:431:130)
```

```
    at Function.n.isAbove
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:960)
```

```
    at n.<anonymous>
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:130784)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477
```

```
    at ny.Tg.run
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)
```

```
    at r.Qg.runTest
```

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616
```

```
at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

O at

```
https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103
```

• #Layout

1. On regular sized devices (laptops, desktops), the element with id="navbar" should be shown on the left half of the screen. It should always be visible to the user and should remain stationary. You may need to enlarge the viewport or zoom out to ensure the navbar doesn't scroll with the page content.

```
Cannot read property 'getBoundingClientRect' of null
```

```
TypeError: Cannot read property 'getBoundingClientRect' of null
```

```
    at n.<anonymous>  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:132072)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477
```

```
    at ny.Tg.run  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)
```

```
    at r.Qg.runTest  
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616
```

```
    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274033)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274103
```

```
    at o (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:272852)
```

```
    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:273918
```

O at xy

```
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:599:14311)
```

2. My Technical Documentation page should use at least one media query.

No media queries detected : expected false to be true

AssertionError: No media queries detected : expected false to be true

```
    at o.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:549:14996)

    at o.e (https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:425:182)

    at Reflect.get (<anonymous>)

    at Object.e [as get]
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:92:1382)

    at Function.n.isTrue
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:574:1222)

    at n.<anonymous>
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:608:132681)

    at https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259477

    at ny.Tg.run
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:259772)

    at r.Qg.runTest
(https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:274680)
```

O at

<https://cdn.freecodecamp.org/testable-projects-fcc/v1/bundle.js:593:275616>

Close

• #Technology Stack

- 1. You can use HTML, JavaScript, and CSS to complete this project. Plain CSS is recommended because that is what the lessons have covered so far and you should get some practice with plain CSS. You can use Bootstrap or SASS if you choose. Additional technologies (just for example jQuery, React, Angular, or Vue) are not recommended for this project, and using them is at your own risk. Other projects will give you a chance to work with different technology stacks like React. We will accept and try to fix all issue reports that use the suggested technology stack for this project. Happy coding!

• #Content

- 1. I can see a `<main>` element with a corresponding `id="main-doc"`, which contains the page's main content (technical documentation).
- 2. Within the `#main-doc (<main>)` element, I can see several `<section>` elements, each with a class of "main-section". There should be a minimum of 5.
- 3. The first element within each `.main-section` should be a `<header>` element which contains text that describes the topic of that section.
- 4. Each `<section>` element with the class of "main-section" should also have an id comprised of the `<header>` innerText contained within it, with underscores in place of spaces. The id may include special characters if there are special characters in the respective `<header>` innerText. (e.g. The `<section>` that contains the header, "JavaScript & Java", should have a corresponding `id="JavaScript_&_Java"`).
- 5. The `.main-section` elements should contain at least 10 `<p>` elements total (not each).
- 6. The `.main-section` elements should contain at least 5 `<code>` elements total (not each).
- 7. The `.main-section` elements should contain at least 5 `` items total (not each).
- 8. I can see a `<nav>` element with a corresponding `id="navbar"`.
- 9. The navbar element should contain one `<header>` element which contains text that describes the topic of the technical documentation.
- 10. Additionally, the navbar should contain link (`<a>`) elements with the class of "nav-link". There should be one for every element with the class "main-section".
- 11. The `<header>` element in the navbar must come before any link (`<a>`) elements in the navbar.

- 12. Each element with the class of "nav-link" should contain text that corresponds to the <header> text within each <section> (e.g. if you have a "Hello world" section/header, your navbar should have an element which contains the text "Hello world").
- 13. When I click on a navbar element, the page should navigate to the corresponding section of the "main-doc" element (e.g. If I click on a "nav-link" element that contains the text "Hello world", the page navigates to a <section> element that has that id and contains the corresponding <header>).

• #Layout

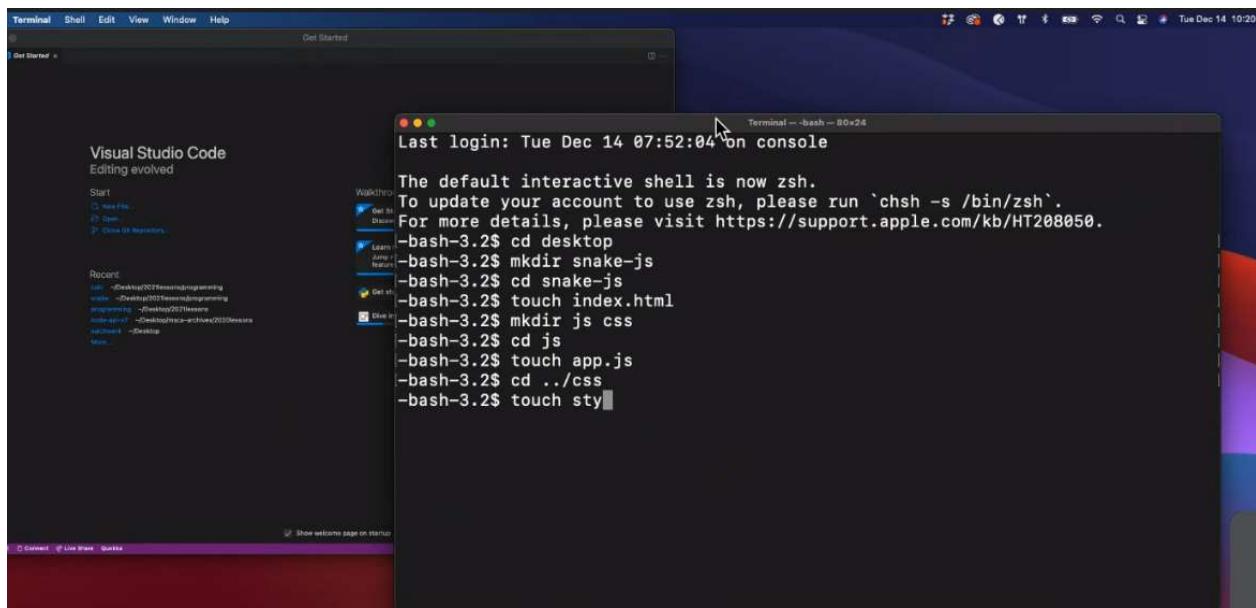
- 1. On regular sized devices (laptops, desktops), the element with id="navbar" should be shown on the left half of the screen. It should always be visible to the user and should remain stationary. You may need to enlarge the viewport or zoom out to ensure the navbar doesn't scroll with the page content.
- 2. My Technical Documentation page should use at least one media query.

<https://github.com/git-guides/>

I h p a r t r i d g e
g i t h u b
E n g l a n d 2 0 2 4 !

<https://docs.github.com/en/github/authenticating-to-github/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>

cd - change directory
mkdir - make directory (create folder)
touch - creates a file
pwd - current directory
ls - list of things on current directory
nano - can use to write inside a file
(ctrl o enter then ctrl x to save)



shadertoy

```
<!--User Story #3: I can see a form with id="survey-form".-->
<form id="survey-form">
<!--User Story #4: Inside the form element, I am required to enter my name in a field with
id="name".-->
<div class="form-info name">
  <label id="name-label" for="name">Name</label>
  <input type="text" name="name" placeholder="Enter your name" required>
</div>
<!--User Story #5: Inside the form element, I am required to enter an email in a field with
id="email".-->
<div class="form-info email">
  <label id="email-label" for="email">Email address</label>
  <input type="email" name="email" id="email" placeholder="Enter your email address"
required>
</div>
<!--User Story #6: If I enter an email that is not formatted correctly, I will see an HTML5
validation error.-->
<!--User Story #7: Inside the form, I can enter a number in a field with id="number".-->
<div class="form-info age">
  <label id="number-label" for="age">Enter your age (optional)</label>
  <input type="number" name="age" min="10" max="110" placeholder="Age (optional)">
</div>
<!--User Story #8: If I enter non-numbers in the number input, I will see an HTML5 validation
error.-->
<!--User Story #9: If I enter numbers outside the range of the number input, which are defined
by the min and max attributes, I will see an HTML5 validation error.-->
<!--User Story #10: For the name, email, and number input fields inside the form I can see
corresponding labels that describe the purpose of each field with the following ids:
id="name-label", id="email-label", and id="number-label".-->
<!--User Story #11: For the name, email, and number input fields, I can see placeholder text that
gives me a description or instructions for each field.-->
<div id=location class="form-info location">
  <p>Where is your current location?</p>
  <select id="dropdown" class="form-info location">
    <option value="northAmerica">North America</option>
    <option value="southAmerica">South America</option>
    <option value="europe">Europe</option>
    <option value="asia">Asia</option>
    <option value="africa">Africa</option>
    <option value="australia">Australia or Oceania</option>
  </select>
<!--User Story #12: Inside the form element, I can select an option from a dropdown that has
a corresponding id="dropdown".-->
</div>
```

```
<div id="platform" class="form-info platform">
  <p>What platform are you using?</p>
  <input name="platform" value="mac" type="radio" class="input-radio">Mac</input>
  <input name="platform" value="windows" type="radio"
class="input-radio">Windows</input>
  <input name="platform" value="other" type="radio" class="input-radio">Other</input>
  <!--User Story #13: Inside the form element, I can select a field from one or more groups of
radio buttons. Each group should be grouped using the name attribute.-->
</div>

<div id="apps" class="form-info apps">
  <p>What applications do you use or seek to use?<span> (Check all that
apply)</span></p>
  <label>
    <input name="html" value="html" type="checkbox" class="form-info
checkboxes">HTML</label>
  <label>
    <input name="css" value="css" type="checkbox" class="form-info
checkboxes">CSS</label>
  <label>
    <input name="javascript" value="javascript" type="checkbox" class="form-info
checkboxes">Javascript</label>
  <label>
    <input name="bootstrap" value="bootstrap" type="checkbox" class="form-info
checkboxes">Bootstrap</label>
  <label>
    <input name="react" value="react" type="checkbox" class="form-info
checkboxes">React</label>
  <!--User Story #14: Inside the form element, I can select several fields from a series of
checkboxes, each of which must have a value attribute.-->
</div>
<div id=user-how class="form-info user-how">
  <p>Tell us how you are using freeCodeCamp. Are you learning independently, as part
of a course, as on-the-job training, or in some other ways?</p>
  <textarea id=user-how class="form-info user-how" name="user-how" placeholder="Tell
us your story here: "></textarea>
  <!--User Story #15: Inside the form element, I am presented with a textarea at the end for
additional comments.-->
</div>
<div class="form-info submit" id="submit">
  <button type="submit" id="submit" class="submit-button">Submit</button>
  <!--User Story #16: Inside the form element, I am presented with a button with id="submit"
to submit all my inputs.
-->
```

```
</div>  
</form>
```


Bezier curves

[Bezier Curves Explained - YouTube](#)

[cubic-bezier\(.92,.91,.8,.19\) ↗ cubic-bezier.com](#)

mcafee

N9T9X3NQ6NLTF4N

15 best websites every designer should visit in 2021 | Webflow Blog