Welcome Cyber#1

Reader: reader.codaisseur.com

Slack: codaisseur-school.slack.com

Discord: https://discord.gg/qyehPh

(challenging)
GROUP EXERCISE

Rules

- **Share** your screen
- 1 **driver** – 2 or 3 **navigators**
- **Rotate** after every **task**
- Use the **webserver** at cakes.codaisseur.academy
- **Take breaks** (set a 20 min timer)
- Test, Test, Test, Test, Test, Test, Test
- Use **Google** or **DuckDuckGo**
- Use **w3schools.com**
- Use **reader.codaisseur.com**

DO 1:

Meet in **Discord** group x

1. **SSH** into **cakes0x.codaisseur.academy**
2. Install **mysql**
3. Install **apache2**
4. Install **php**

Install mysql:

```
 2   sudo apt-get update
 3   sudo apt-get install mysql-server
 4   sudo mysql_secure_installation
 5   password: d4t4b4s34dm1n
 6   Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
 7   Disallow root login remotely? (Press y|Y for Yes, any other key for No) :N
 8   Remove test database and access to it? (Press y|Y for Yes, any other key for No) : n
 9   Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
10
11   sudo mysql
12   CREATE USER 'cakes'@'localhost' IDENTIFIED BY 'd4t4b4s34dm1n';
13   CREATE DATABASE cakes;
14   GRANT ALL PRIVILEGES ON cakes.* TO 'cakes'@'localhost';
15   FLUSH PRIVILEGES
16   exit
17   mysql -u cakes -p
18
19   -------
20
```

Install apache2:

```
sudo apt-get install apache2
sudo service apache2 status
...... /var/www/html/.......
```

Install php:

```
28    sudo apt install php libapache2-mod-php
29    sudo systemctl restart apache2
30
31    sudo apt install php7.4-mysqli
32    sudo systemctl restart apache2
33
34
35
```

DO 2:

1. Make **database** **(in mysql)**
2. Make **table** called recipes **(in mysql)** **(find requirements in data)**
3. Add given data**(to the cakes table)**
4. Build a website called Codaisseur cakes**(index.html)**
5. Host website at cakes0x.codaisseur.academy **(VirtualHost, restart apache2)**
6. Show a **list** of cakes with their ingredients**(count)**
7. Add **search** functionality
8. Add a **add a recipe** functionality

Search functionality...

1. Add a form to your website
2. Add a text input field within the form tags
3. Add a submit button within the form tags
4. Make sure the form has a attribute: method="POST"
5. Make sure the form has a attribute: action="<filename>.php"

Add a recipe functionality...

Add * to be able to add recipes to the database

DB info
https://www.db-fiddle.com/f/bx7Qviz3NNFG98Nzyow7aQ/8

Bleep-bleep-bleep-bleep

Groups

1. Pepijn, Marcin, Yann
2. Shangram, Raj, Camilia
3. Yvonne, Prawesh, Ximena,
4. Willemijn, Tjitze, Bozana, Filipe

GO!