LAUNCH SERVER

1. In EC2 find instances and click “Launch instances”.
2. Select Ubuntu 24.04 LTS for the operating system
3. Instance type is t2.micro
4. Create new key pair
5. Create security group and add a rule and select http for the type
6. Add a 20GiB SSD
7. Check that the instance is in the free tier and click “Launch instance”

\*\*\*STATIC (ELASTIC) IPV4 ADDRESS maybe with DNS\*\*\*  
\*\*\*SECURITY GROUP NEEDS TO HAVE HTTP AND HTTPS I THINK\*\*\*

GET DNS ADDRESS

1. On namecheap buy your name
2. Go to Domain list, then Advanced DNS
3. Add new host record, type A record, and enter the EC2 Static IP Address
4. \*Configure settings in EC2 (maybe not needed)

CONFIGURE SERVER

1. Download apache2
2. Download CGI
3. Do SLQ

WRITE CODE

1. Use HTML file in github

DOWNLOAD SQL

1. sudo apt install mysql-server
2. check its running sudo systemctl start mysql.service
3. then I still need to do

GET DIGITAL CERTIFICATE FROM CERTBOT

INSTALL PYTHON3 AND NUMPY   
(command for numpy -> sudo apt install python3-numpy)