Assignment #2 (Docker)

Group member Name:

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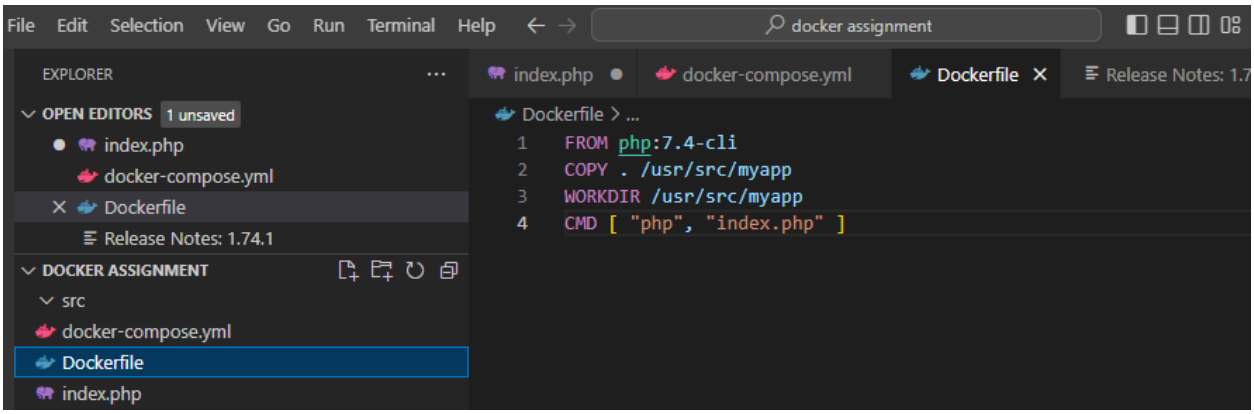
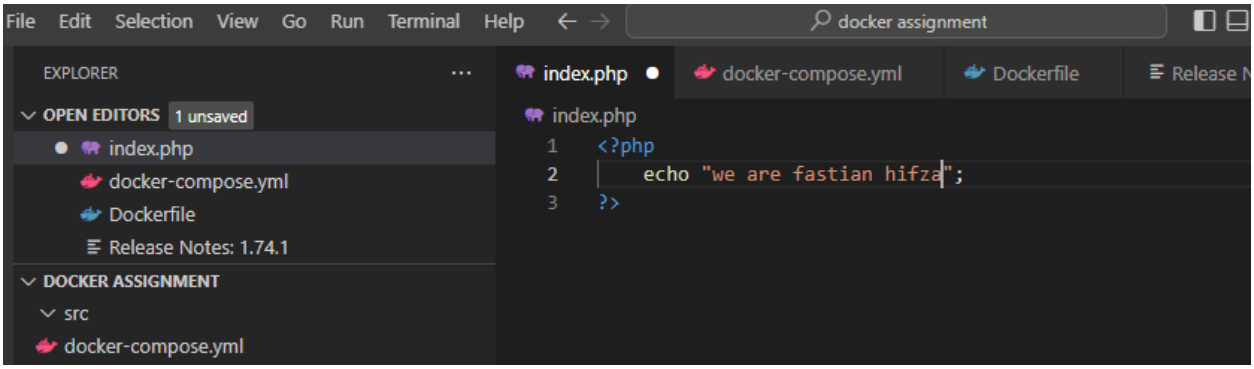
Create a folder (docker assignment)
create a Dockerfile



Create a index.php file



Run this command to build and run the Docker image

```
C:\Users\92325\Desktop\docker assignment>docker build -t my-php-app .
[+] Building 2.9s (8/8) FINISHED
 => [internal] load build definition from Dockerfile                                                0.1s
 => => transferring dockerfile: 31B                                                                 0.0s
 => [internal] load .dockerignore                                                                   0.1s
 => => transferring context: 2B                                                                     0.0s
 => [internal] load metadata for docker.io/library/php:7.4-cli                                      2.3s
 => [internal] load build context                                                                   0.1s
 => => transferring context: 59B                                                                    0.0s
 => [1/3] FROM docker.io/library/php:7.4-cli@sha256:620a6b9f4d4feef2210026172570465e9d0c1de79766418d3affd09190a7f  0.0s
 => CACHED [2/3] COPY . /usr/src/myapp                                                              0.0s
 => CACHED [3/3] WORKDIR /usr/src/myapp                                                             0.0s
 => exporting to image                                                                              0.1s
 => => exporting layers                                                                             0.0s
 => => writing image sha256:66c9fa99d75568c04cd5ca0f278b4b7a7ca923402fa1ac8a510ed115f5164f6a        0.0s
 => => naming to docker.io/library/my-php-app                                                       0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
```

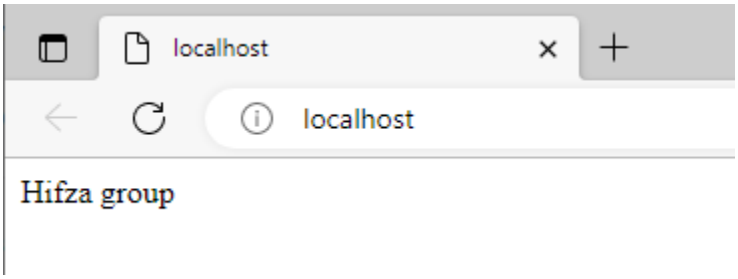
```
C:\Users\92325\Desktop\docker assignment>docker run -it --rm --name my-running-app my-php-app
we are fastian
```

Apache without a `Dockerfile`

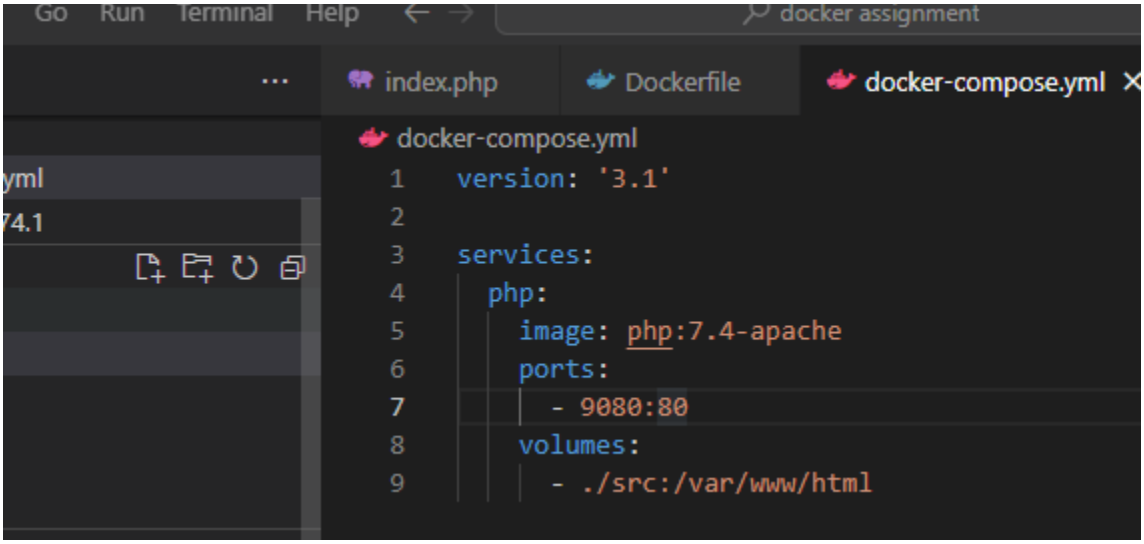
```
C:\Users\92325\Desktop\docker assignment>docker run -d -p 80:80 --name my-apache-php-app -v "C:\Users\92325\Desktop\dock
er assignment":/var/www/html php:7.2-apache
a58e405f612e4a168296d432d65373c5377d21be844c23dc6acfb0ccc3522ace
```

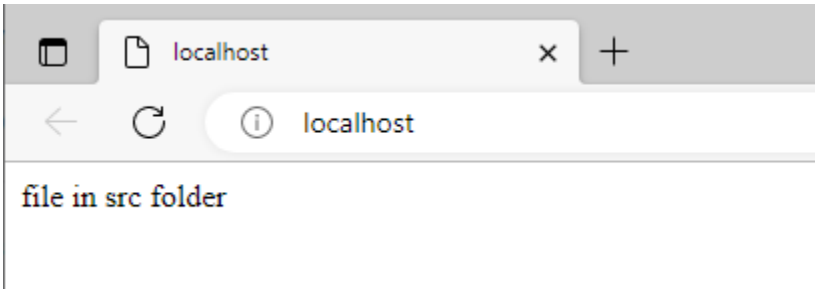
Docker images

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
☐	my-running-app 279fe6c4c56b	my-php-app:latest	Exited			
☐	my-apache-php-app 10983ee02bd8	php:7.2-apache	Running	80:80	45 seconds ag	

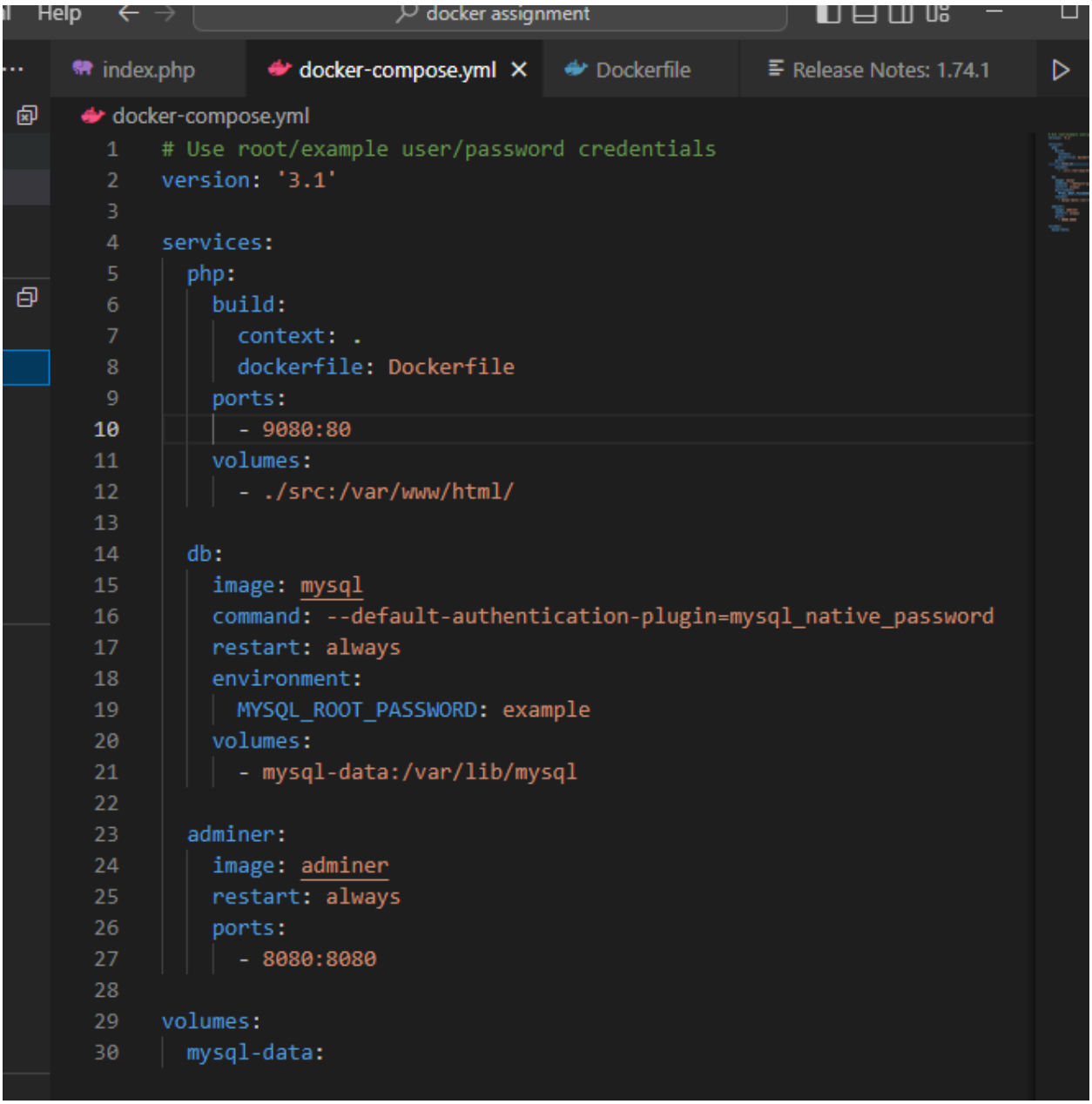


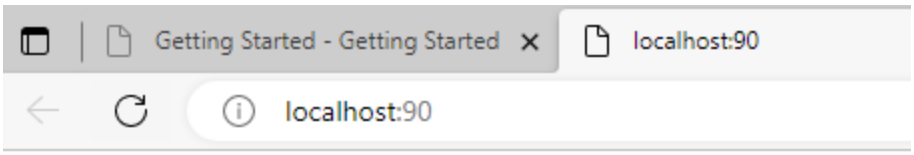
Create a docker-compose.yml file





Put the whole code in the docker-compose.yml file for database and php file running

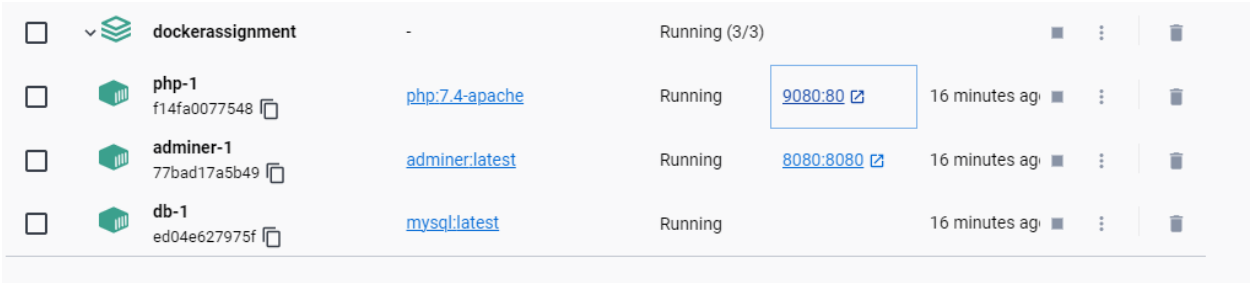




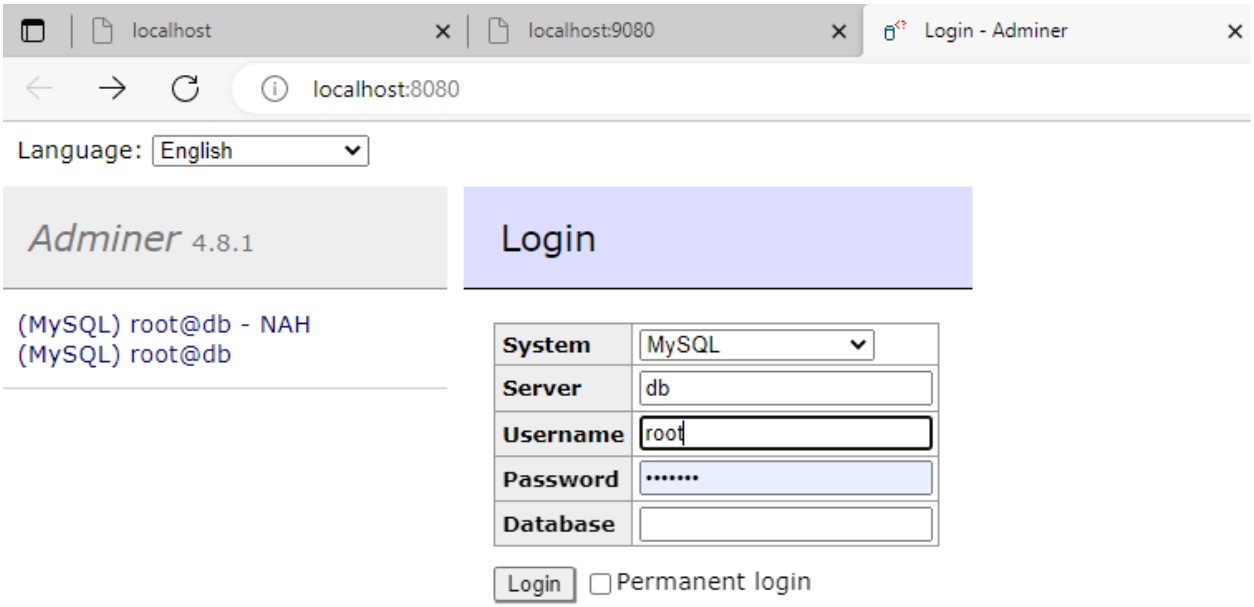
we are belong to SE department

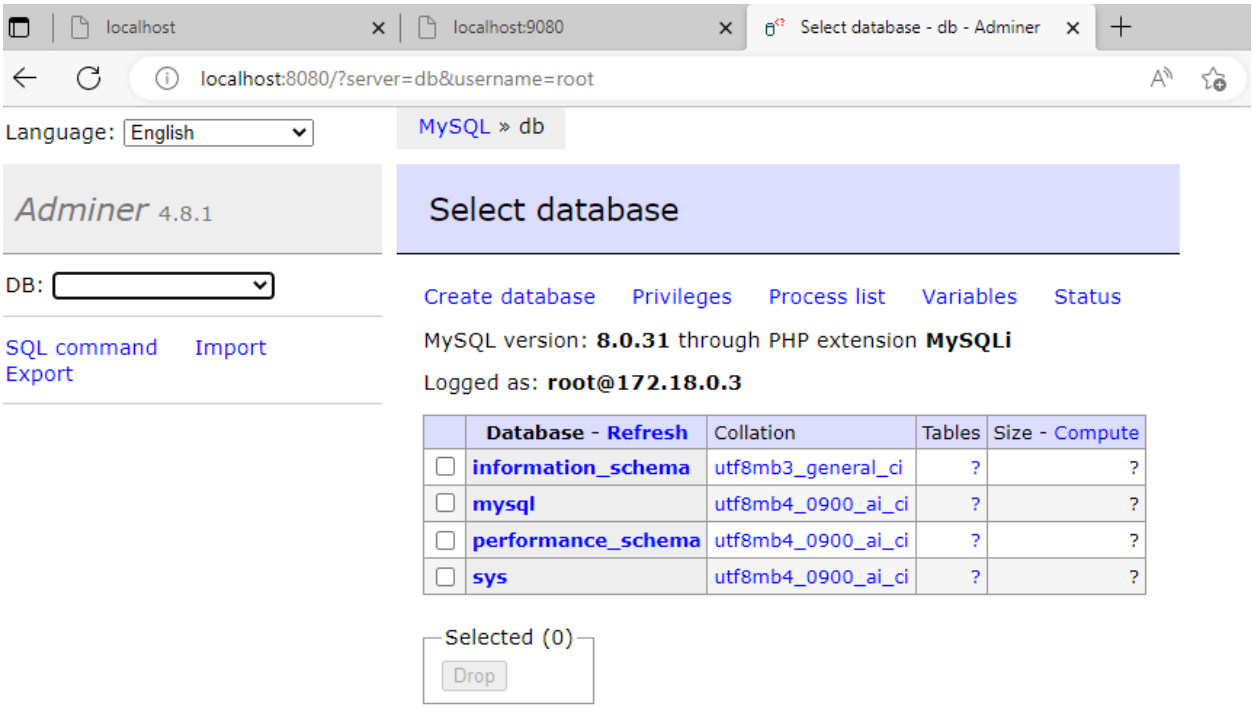
Run the command to create a container

```
C:\Users\92325\Desktop\docker assignment>
C:\Users\92325\Desktop\docker assignment>docker-compose up -d
```

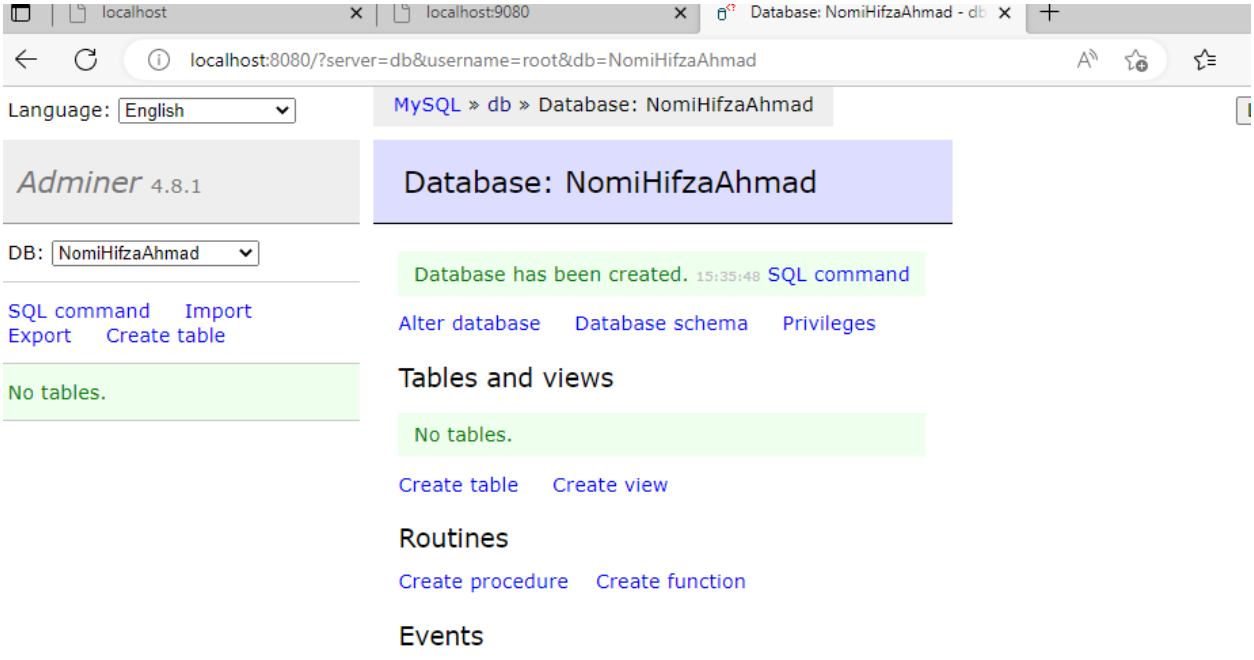


Password is example

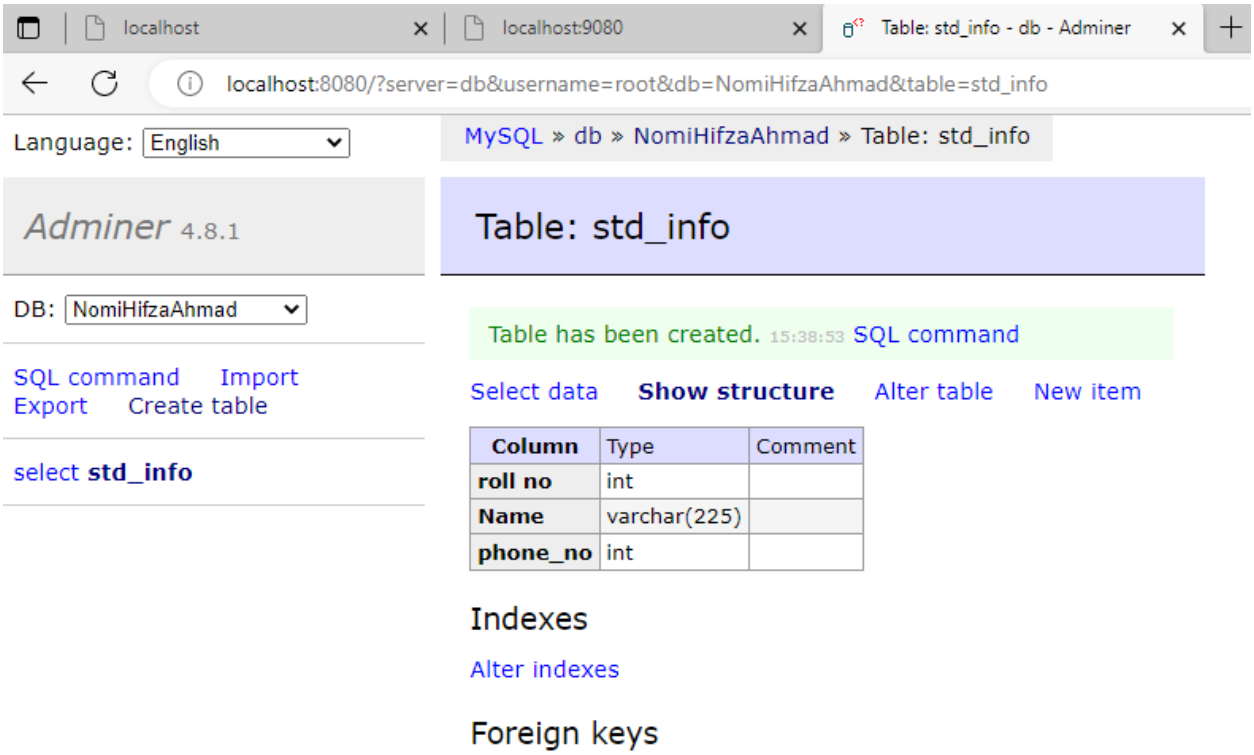




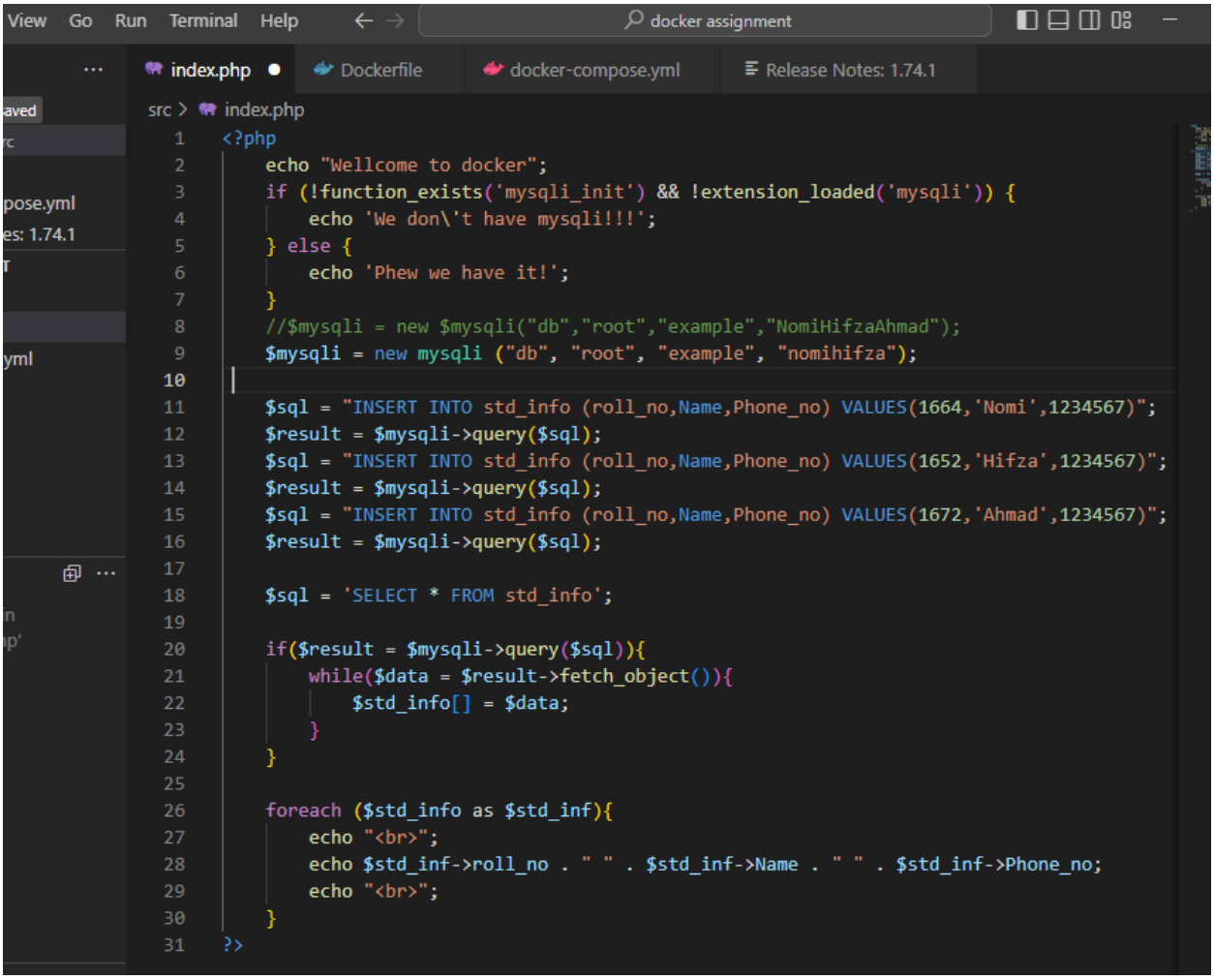
Create a database



Create a table



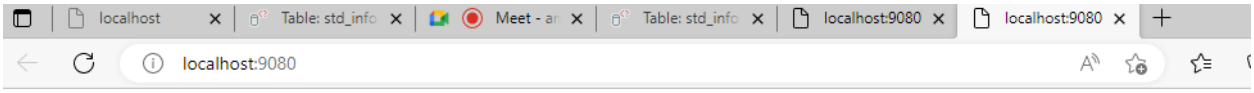
Fill the data in to tabe and connect the php to db



Go to the container and go to the php terminal and run this command

docker-php-ext-install mysqli

docker-php-ext-enable mysqli



Wellcome to dockerPhew we have it!
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