



***National University of Computer and
Emerging Sciences Peshawar***

ATIF MEHRBAN

Assignment # 2:

Docker-container-App

1. SetUp For Docker

```
Activities Terminal Dec 5 3:31 PM •
atifmehrbang@fedora:~/docker-php-mysql — docker compose up

/usr/local/bin/kubectl: line 1: syntax error near unexpected token `<'
/usr/local/bin/kubectl: line 1: `<?xml version='1.0' encoding='UTF-8'?><Error><Code>NoSuchKey</Code><Message>The specified key does not exist.</Message><Details>No such object: kubernetes-re
lease/release//bin/linux/amd64/kubectl</Details></Error>'
[atifmehrbang@fedora ~]$ cd Home
bash: cd: Home: No such file or directory
[atifmehrbang@fedora ~]$ cd docker-php-mysql/
[atifmehrbang@fedora docker-php-mysql]$ docker compose up
[*] Running 0/12
+ mysql Pulling
  " 6d827a3ef358 Downloading [=====] 21.48MB/51.44MB 72.7s
  " ed0929eb7dfe Download complete 66.0s
  " 03f348dc3b9d Download complete 66.0s
  " fd337761ca76 Download complete 66.0s
  " 7e6cc16d464a Download complete 66.0s
  " ca3d380bc018 Download complete 66.0s
  " 809061e6dec3 Download complete 66.0s
  " b3b4e9bf814c Downloading [=====] 15.67MB/68.91MB 66.0s
  " 569cd556d913 Download complete 66.0s
  " 7d0518604156 Download complete 66.0s
  " cc158c0bcdf Download complete 66.0s
```

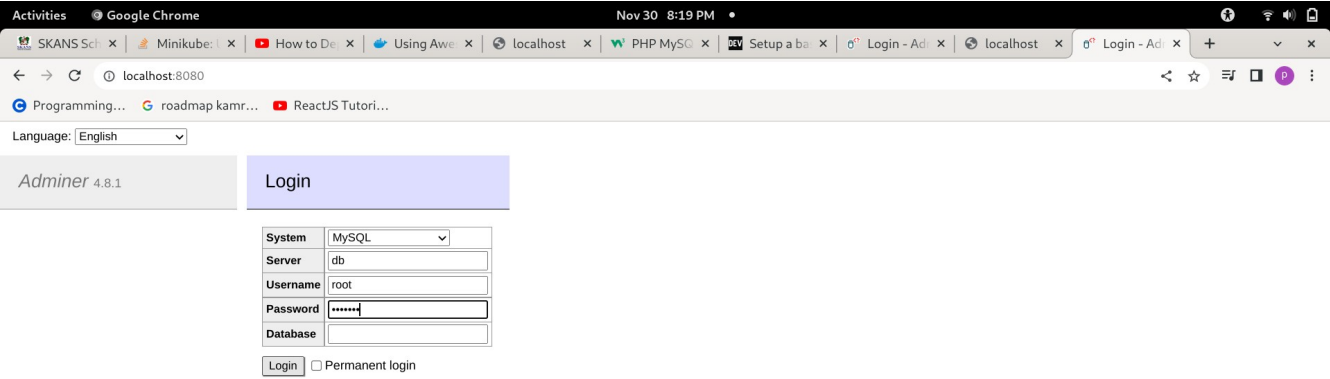
2. Compose- up

```
Activities Terminal Dec 5 3:37 PM •
atimfmrban@fedora:~/docker-php-mysql — docker compose up

[atimfmrban@fedora ~]$ cd docker-php-mysql/
[atimfmrban@fedora docker-php-mysql]$ docker compose up
[*] Running 12/12
# mysql Pulled
# dd827a3ef358 Pull complete 174.9s
# ed0929eb7dfe Pull complete 150.0s
# 03f348dc3bd9 Pull complete 151.1s
# fd337761ca76 Pull complete 151.3s
# 7e6cc16d464a Pull complete 151.5s
# ca3d380bc018 Pull complete 152.2s
# 8890616dec3 Pull complete 152.7s
# b3b4e9bf814c Pull complete 152.9s
# 569cd556d913 Pull complete 166.2s
# 7d0518604156 Pull complete 167.4s
# cc15acdbcedf Pull complete 167.5s
# cc15acdbcedf Pull complete 167.7s
[*] Building 202.8s (4/9)
=> [internal] load build definition from Dockerfile 0.5s
=> => transferring dockerfile: 269B 0.0s
=> [internal] load .dockerignore 0.5s
=> => transferring context: 1B 0.0s
=> [internal] load metadata for docker.io/library/php:7.3-apache 12.8s
=> [1/5] FROM docker.io/library/php:7.3-apache@sha256:b9872cd287ef72bc17d45d713aa2742f3d3bcf2503fea2506fd93aa94995219f 190.1s
=> => resolve docker.io/library/php:7.3-apache@sha256:b9872cd287ef72bc17d45d713aa2742f3d3bcf2503fea2506fd93aa94995219f 0.1s
=> => sha256:b9872cd287ef72bc17d45d713aa2742f3d3bcf2503fea2506fd93aa94995219f 1.86kB / 1.86kB 0.0s
=> => sha256:de13b739d81098236cde5fe90810e1572dc5c51cd198f83024ccf9e7a142ec05 3.24kB / 3.24kB 0.0s
=> => sha256:15da9118b3c0988fbaf84a4d410653642c9d55fb2f6c40011cc78de303837d04 12.77kB / 12.77kB 0.0s
=> => sha256:f15d475049b747b33a15371e40ba8b1a4535451220b68578292b23738335498b 225B / 225B 0.0s
=> => sha256:886e5161983fb82d6cbd0a8f7f8d0ebb90c72e349afbc290428b81bb572f0868 59.77MB / 91.60MB 189.9s
=> => sha256:ae13dd57832654086618a81dbc128846aa092480260c326ee95429b63c3cf213 31.38MB / 31.38MB 108.1s
=> => sha256:aa7666573a253171fcc168c406273e5843ae8aee6f251f8690878edfd3ec1b59 269B / 269B 3.2s
=> => sha256:59357a8f9863a3d842fadc64370565f6446f79a5434da98709ac5e20fc479997 19.25MB / 19.25MB 189.2s
=> => sha256:dc3ffbac774ec11b24c581692177062f9e045b3574d4b9b88958a081570ed268 474B / 474B 110.3s
=> => extracting sha256:ae13dd57832654086618a81dbc128846aa092480260c326ee95429b63c3cf213 1.5s
=> => sha256:513e9383fdd446427575cc3085376e19f3309ec933f4ddddd1fe2dc11202f07a 511B / 511B 110.4s
=> => extracting sha256:f15d475049b747b33a15371e40ba8b1a4535451220b68578292b23738335498b 0.0s
=> => sha256:5ebd0737aa986861de7988f6604dc1493f0947edbe7338c2811a9894dba1e340 12.48MB / 12.48MB 150.2s
=> => sha256:255df6c25392479617320ee4f0fdcc29ac633b7fbc188975b00c93c586d27c7fd 493B / 493B 111.6s
=> => sha256:f2994b0e00663cb1f4bc7be5bc3259d4f315d8091db6424825a095ca45d1db74 10.27MB / 10.27MB 155.2s
=> => sha256:74de00cc33e40aee1f0be1f0555f2af7f72024c05f603115bf2610f6b14102 2.31kB / 2.31kB 151.8s
=> => sha256:e4620156964f5204068b400dc7be26571b2f5370d979c0e981663226cf98cb 244B / 244B 151.8s
=> => sha256:e05ec72939b32d7c367781a9103c67b3aeb3094d3c6536c4cc010462c6394dc0 218B / 218B 152.2s
=> => sha256:a1488b2af765c2e9629f763b1d0b042ea3e3eca96ecb96271bf0233f2aba1 889B / 889B 154.1s
=> [internal] load build context 0.8s
=> => transferring context: 1.38kB 0.0s
```

When setup done then check localhost for the output when container's attached by sql-php.
When we done this then we change the yaml file as required /desire output.

4. Login



Setup the login page using database. When we done this with user and password then move to the next page and create tables of that required output.

6. Data_Entry

Activities

Google Chrome

Nov 30 8:20 PM

SKANS Sch x Minikube: l x How to De x Using Awe x localhost x PHP MySC x Setup a ba x Login - Ad x localhost x Select data x

localhost:8080/?server=db&username=root

Programming... roadmap kamr... ReactJS Tutori...

Language: English

MySQL » db

Logout

Adminer 4.8.1

DB:

[SQL command](#) [Import](#) [Export](#)

Select database

[Create database](#) [Privileges](#) [Process list](#) [Variables](#) [Status](#)

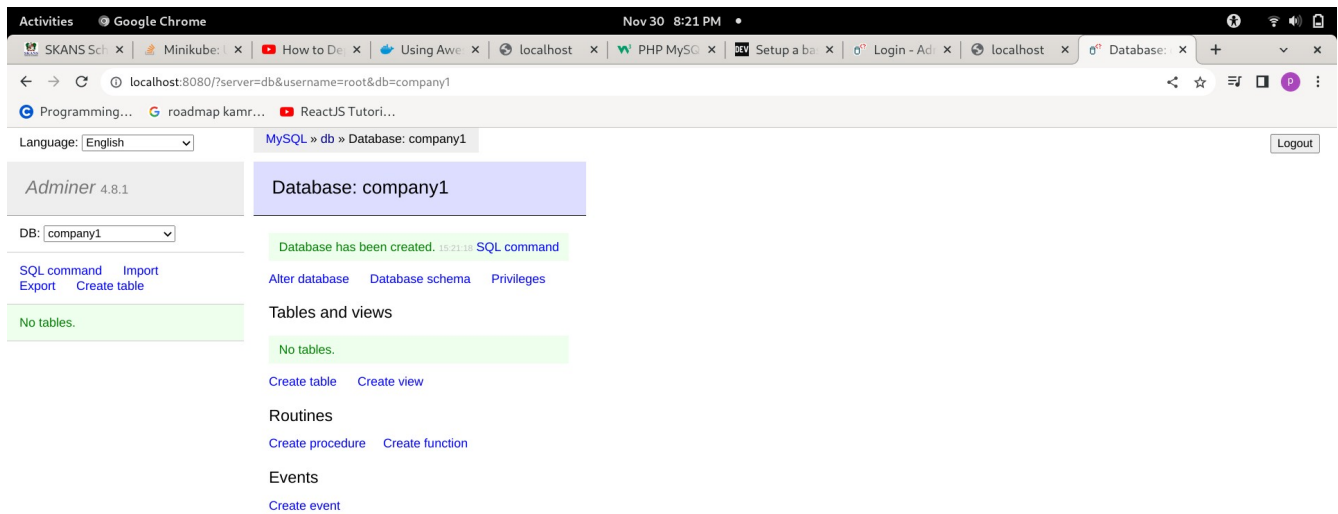
MySQL version: 8.0.31 through PHP extension MySQLi

Logged as: root@172.23.0.4

	Database - Refresh	Collation	Tables	Size - Compute
<input type="checkbox"/>	information_schema	utf8mb3_general_ci	?	?
<input type="checkbox"/>	mysql	utf8mb4_0900_ai_ci	?	?
<input type="checkbox"/>	performance_schema	utf8mb4_0900_ai_ci	?	?
<input type="checkbox"/>	sys	utf8mb4_0900_ai_ci	?	?

Selected (0)

Drop



When we create database then enter the output required table data .

7. Container’s Output

