# Assignment (4.1)

#### Browse to:

tasks/4\_microservices\_development/day\_1\_microservices/doc
ker\_compose\_example

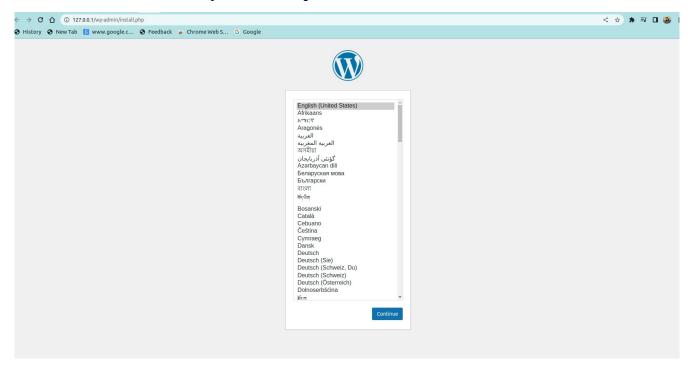
### Next you will:

- Start the system using docker-compose so that it runs in background,
- Visit <a href="http://127.0.0.1/">http://127.0.0.1/</a> to see WordPress installation panel,
- See the system logs
- Add a PHPMyAdmin service from <a href="https://hub.docker.com/r/phpmyadmin/phpmyadmin/">https://hub.docker.com/r/phpmyadmin/phpmyadmin/</a> so that you can manage the raw database contents.

## **Solution**

1. To run compose in background we **-d** so the command is **docker compose up -d** 

2. WordPress installation penal is on <a href="http://127.0.0.1/">http://127.0.0.1/</a>.



3. Now we can see the system logs by **docker compose logs**.

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4. Now we **down** the **docker compose**.

5. Now we have to use **PHPMyAdmin**, so we edit **docker compose file**.

```
image: mariadb:10.6.4-focal
  command: '--default-authentication-plugin=mysql_native_password
    db_data:/var/lib/mysql
  restart: always
    - MYSQL_ROOT_PASSWORD=somewordpress
    - MYSQL_DATABASE=wordpress
    - MYSQL USER=wordpress
    - MYSOL PASSWORD=wordpress
    - 3306
wordpress:
  image: wordpress:latest
    wp_data:/var/www/html
    - 80:80
  restart: always

    WORDPRESS_DB HOST=db

    - WORDPRESS DB USER=wordpress
    - WORDPRESS DB PASSWORD=wordpress
    - WORDPRESS DB NAME=wordpress
  image: phpmyadmin
  restart: always
    - 8080:80
    - PMA ARBITRARY=1
```

6. Then we run the composer by **docker composer up -d**, and download phpmyadmin and run all containers.

```
sabih@sheikh-muhammad-sabih:~/Documents/emeritus/may_4/assignments/docker_compose_example$ docker compose up -d
✓ phpmyadmin 18 layers [
                                                   0B/0B
                                                               Pulled
    9e3ea8720c6d Already exists

√ 07353b772b5e Already exists

  ✓ 5908153120ba Already exists

√ 8681ad2eeea6 Already exists

    92711ce78973 Already exists
  ✓ bf1c5be6427e Already exists
  ✓ 1d02a81768ed Already exists
  ✓ c8420254580a Pull complete
✓ 6fd27a4d09cf Pull complete

√ a29c35a490e4 Pull complete

  ✓ c9a85b880f67 Pull complete

√ 824952b7d7d7 Pull complete

√ 6a39856c44f2 Pull complete

√ 3d8017e4b7c2 Pull complete

  ✓ 4518e6286ae0 Pull complete

√ 86266c3e57e9 Pull complete

√ 3da618c159ba Pull complete

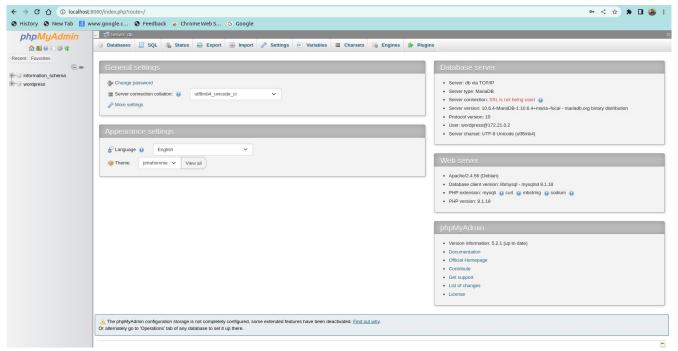
√ 73d267243680 Pull complete

✓ Network docker_compose_example_default
                                                   Created

✓ Container docker_compose_example-db-1

✓ Container docker_compose_example-wordpress-1
✓ Container docker_compose_example-phpmyadmin-1 Started
```

7. Now we have reached the phpMyAdmin **login page** where we enter 'db' for the server, 'wordpress' for the username, and 'wordpress' for the password. Then we land on **phpMyAdmin home page**.



### 8. And the **logs** are.

```
| Company | Comp
```

### **Peer Assignment**

Sheikh Muhammad Sabih (2303.KHI.DEG.010) M Humza Moeen (2303.KHI.DEG.019)

```
| 17.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/phortcuts_handler_js?ves.2.1 HTTP/1.1" 200 3107 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/337.36 (on the GetCo) Chrome/112.0.0.0 Safar/Js7.30" | 17.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/drag_drop_inport_js?ves.2.1 HTTP/1.1" 200 3107 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/337.36 (on the GetCo) Chrome/122.0.0.0 Safar/Js7.30" | 17.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/console_js?ves.2.1 HTTP/1.1" 200 11963 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/537.36 (on the GetCo) Chrome/122.0.0.0 Safar/Js7.30" | 17.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/console_js?ves.2.1 HTTP/1.1" 200 11963 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/537.36 (on the GetCo) Chrome/122.0.0.0 Safar/Js7.30" | 18.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/console_js?ves.2.1 HTTP/1.1" 200 11963 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/337.36 (on the GetCo) Chrome/122.0.0.0 Safar/Js7.30" | 17.21.0.1 | [84/May/20231113917 +0000] "GET /js/dist/console_js?ves.2.1 HTTP/1.1" 200 4592 -" "Mortlla/s.0 (X11; Linux x80_64) Applewbklt/337.36 (Miller Linux x80_64) Applewbklt
```

### **Peer Assignment**

Sheikh Muhammad Sabih (2303.KHI.DEG.010) M Humza Moeen (2303.KHI.DEG.019)

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Mozilla/5.0 (X11; Linux x86_64) AppleW
                                                                                                                      nme/img/s reload.png HTTP/1.1" 200 812 "http://localhost:8080/themes/pmahomme/css/theme.css?v
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                                                                                                                      me/img/b_sql.png HTTP/1.1" 200 964 "http://localhost:8080/themes/pmahomme/css/theme.css?v
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ozilla/5.0 (X11; Linux x86_64) AppleWeb
                                                                                                                      me/img/s theme.png HTTP/1.1" 200 1056 "http://localhost:8080/themes/pmahomme/css/theme.css?v=5.2.
```

docker_compose_example-phonyadnin-1   172.21.6.1 - [64/May/2023:11:51:32 +8080] [CET   themes/pmahomme/lmg/b_events.png HTTP/1.1" 200 988 "http://localhost:8080/themes/pmahomme/css/theme.css?v=5.2.1" "M c21llafs.b (NII: Linux x86 64) Appliedebktt/537.36 (NHTML, like Gecko) Chronor/12.0.8.0 Safar(1/37.36")
docker_compose_example-phpmyadmin-1   172.21.0.1 - [04/May/2023:11:51:32 +0000] "GET /themes/pmahomme/img/b_triggers.png HTTP/1.1" 200 731 "http://localhost:8080/themes/pmahomme/css/theme.css?v=5.2.1"
"Mozilla/5.0 (X11; Linux x86_64) AppleWebXit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 - [04/May/2023:11:51:32 +0000] **CET (themes/pmahonme/img/b_table_add.png HTTP/1.1" 200 855 "http://localhost:8080/themes/pmahonme/css/theme.css?v=5.2.1" **Mozilla/5.0 (XII); Linux x86_64) Appleebbtti/5.37.36 (KMTML, Like Gecko) Chrome/112.0.61
docker_compose_example-phpmyadmin-1   172.21.0.1 [04/May/2023:11:51:32 +0000] "GET /themes/pmahomme/img/b_edit.png HTTP/1.1" 200 661 "http://localhost:0000/themes/pmahomme/css/theme.css?v=5.2.1" "Moz
illa/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 - [@4/May/2023:11:51:32 +0000] "GET /js/dist/database/operations.js?v=5.2.1 HTTP/1.1" 200 1897 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleMebKit/537.36 ( MTML, like Gecko) Chrone(112.0.0.0 Safart/537.36 Safart/537.36 (
Mind., toke econogic example-phonyadmin-1   172.10.1 - [04/May/2023:11:51:35 +0000] "GET /index.php?ajax request=true&ajax page request=true& nocache=1683201095038121922&token=683262553c5b5c3e2c5a714a5a654
f54 HTTP/1.1" 200 9629 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 - [04/May/2023:11:51:35 +0000] "POST /index.php?route=/version-check HTTP/1.1" 200 1044 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadntn-1   127.0.0.1 - [04/May/2023:11:51:42 40000] "OPTIONS * HTTP/1.0" 200 126 "-" "Apache/2.4.56 (Debtan) PHP/8.1.18 (Internal dummy connection)" docker_compose_example-phpmyadntn-1   172.2.10.1 - [04/May/2023:11:51:95 +00000] "GET /theres/pmahomer/tindp/s until N. non HTTP/1.1" 200 874 "http://localhosts18800/theres/pmahomer/css/there.css?v=5.2.1" "M
outlet control (x1) (x1) (x1) (x1) (x1) (x1) (x1) (x1)
docker compose example-phonyadrin-1   172,21.0.1 - [04/May/2023:12:15:30 -00000] "POST /index.php?route=/ HTTP/1.1" 200 2363 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleWebKit/537.36 (KHTML, like Gecko) C
hrome/112.0.0.0 Safart/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 - [04/May/2023:12:38:05 +0000] "POST /index.php?route=/ HTTP/1.1" 200 2361 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) C
hrone/112.0.0.0 Safari/537.36" docker compose example-shiphwadmin-1   172.21.0.1 [04/May/2023:13:00:18 +0000] "POST /index.php?route=/ HTTP/1.1" 200 2357 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleMebKit/537.36 (KHTML, like Gecko) C
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docker compose example-phpmyadmin-1   172.21.0.1 - [04/May/2023:13:22:08 +0000] "POST /index.php?route=/ HTTP/1.1" 200 2353 "." "Mozilla/5.0 (X11; Linux x86 64) AppleNebKit/537.36 (KHTML, like Gecko) C
hrome/112.0.0.0 Safart/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 [04/May/2023:13:43:37 +0000] "POST /index.php?route=/ HTTP/1.1" 200 2357 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) C
hrone/112.0.0.0 Safari/S37.36" docker compose example-shiphwadmin-1   172.21.0.1 [05/May/2023:03:23:07 +0000] "GET /index.php HTTP/1.1" 200 6065 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleHebKit/S37.36 (KHTML, like Gecko) Chrome/112
0.0.0 Safart/537.36 (mine, tike decks) clinox/112
docker_compose_example-phpmyadmin-1   172.21.0.1 - [05/May/2023:03:23:07 +0000] "GET /js/messages.php?l=en&v=5.2.1 HTTP/1.1" 200 8249 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, lik
e Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phonyadmin-1   172.21.0.1 [05/May/2023:03:23:23 +0000] "POST /tindex.php?route=/ HTTP/1.1" 302 1025 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebkit/537.36 (KHTML, like Gecko) C hrome/112.0.0.0 Safart/537.36"
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e Gecko) Chrome/112.0.0.0 Safart/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 [05/May/2023:03:23:23 +0000] "POST /index.php?route=/config/get HTTP/1.1" 200 2372 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, lik
e Gecko) Chrome/112.0.0.0 Safart/537.36" docker compose example-phymydnin-1   172.21.0.1 [65/May/2023:03:23:23 +0000] "POST /index.php?route=/navigation&ajax request=1 HTTP/1.1" 200 2943 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleNebKit/537
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docker_compose_example-phpmyadmin-1   172.21.0.1 [05/May/2023:03:23:23 +0000] "POST /index.php?route=/config/get HTTP/1.1" 200 2467 "-" "Mozilla/5.0 (X11; Linux x86 64) AppleHebKit/537.36 (KHTML, lik
e Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 [05/May/2023:03:23:23 +0000] "POST /index.php?route=/version-check HTTP/1.1" 200 1044 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML,
lke Gecko) Chrome/112.0.0.0 5afari/537.36" docker compose example-a-hophywadfin-1   172.21.0.1 [05/May/2023:03:23:23 +0000] "POST /index.php?route=/config/set HTTP/1.1" 200 2365 "-" "Mozilla/5.0 (X11; Linux X86 64) AppleWebKit/537.36 (KHTML, lik
e Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phpmyadmin-1   172.21.0.1 - [05/May/2023:03:23:36 +0000] "GET /themes/pmahomme/jquery/images/ui-bg_highlight-soft_75_cccccc_1x100.png HTTP/1.1" 200 406 "http://localhost:8080/the
mes/pmahomme/jquery-jul.css" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/112.0.0.0 Safari/537.36"
docker_compose_example-phonyadnin-1   172.21.0.1 - [65/May/2023:03:23:36 +0800] *CET [themes/pmahomme/jquery/lnages/ui-1cons_22222_256x240.png HTTP/1.1" 200 4050 "http://localhost:8080/themes/pmahomme/jquery/lnages/ui-1cons_22222_256x240.png HTTP/1.1" 200 4050 "ht
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docker_compose_example-phpmyadmin-1   172.21.0.1 [05/May/2023:03:23:41 +0000] "POST /index.php?route=/version-check HTTP/1.1" 200 1044 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/112.0.0.0 Safari/537.36"