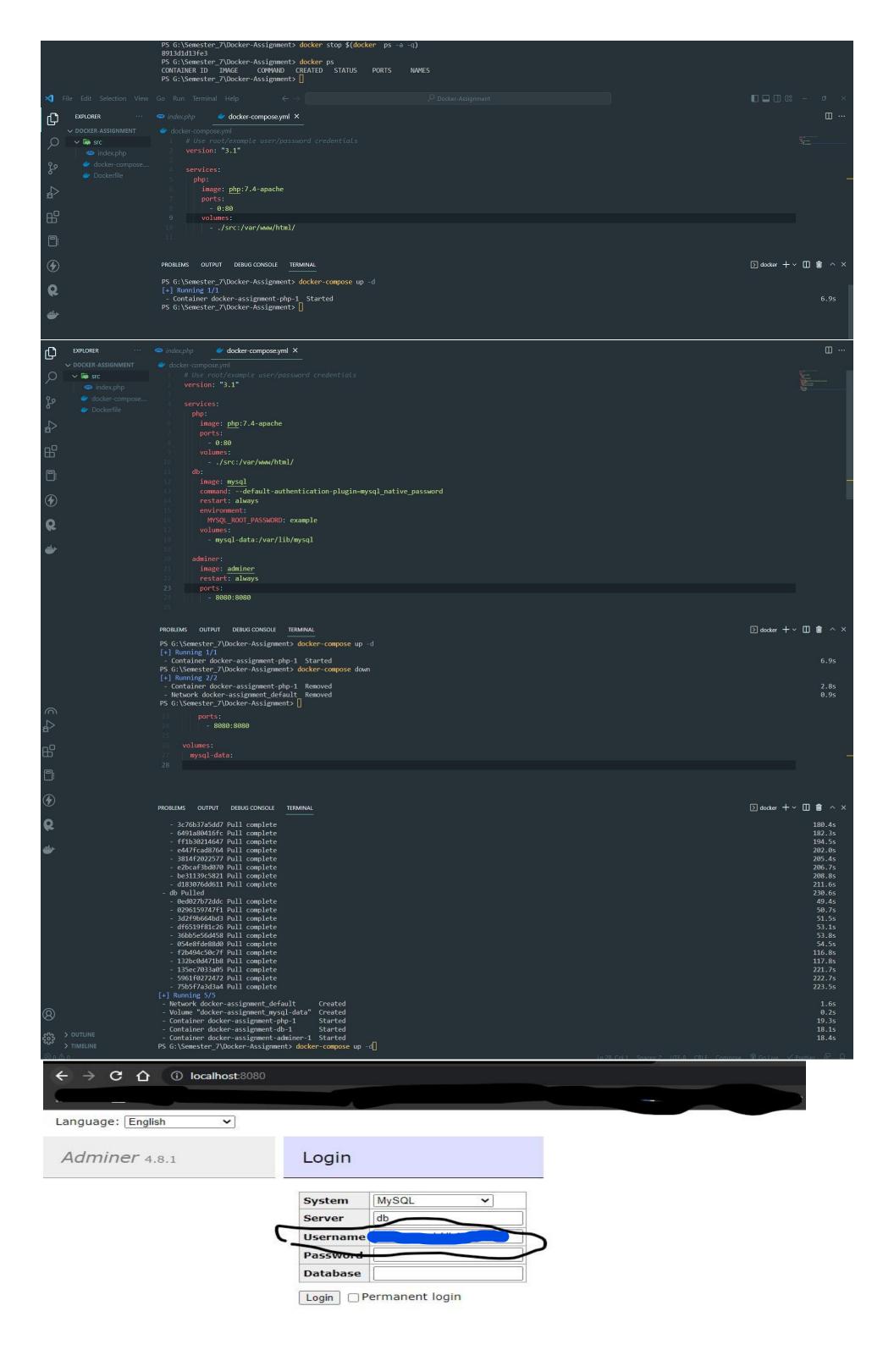
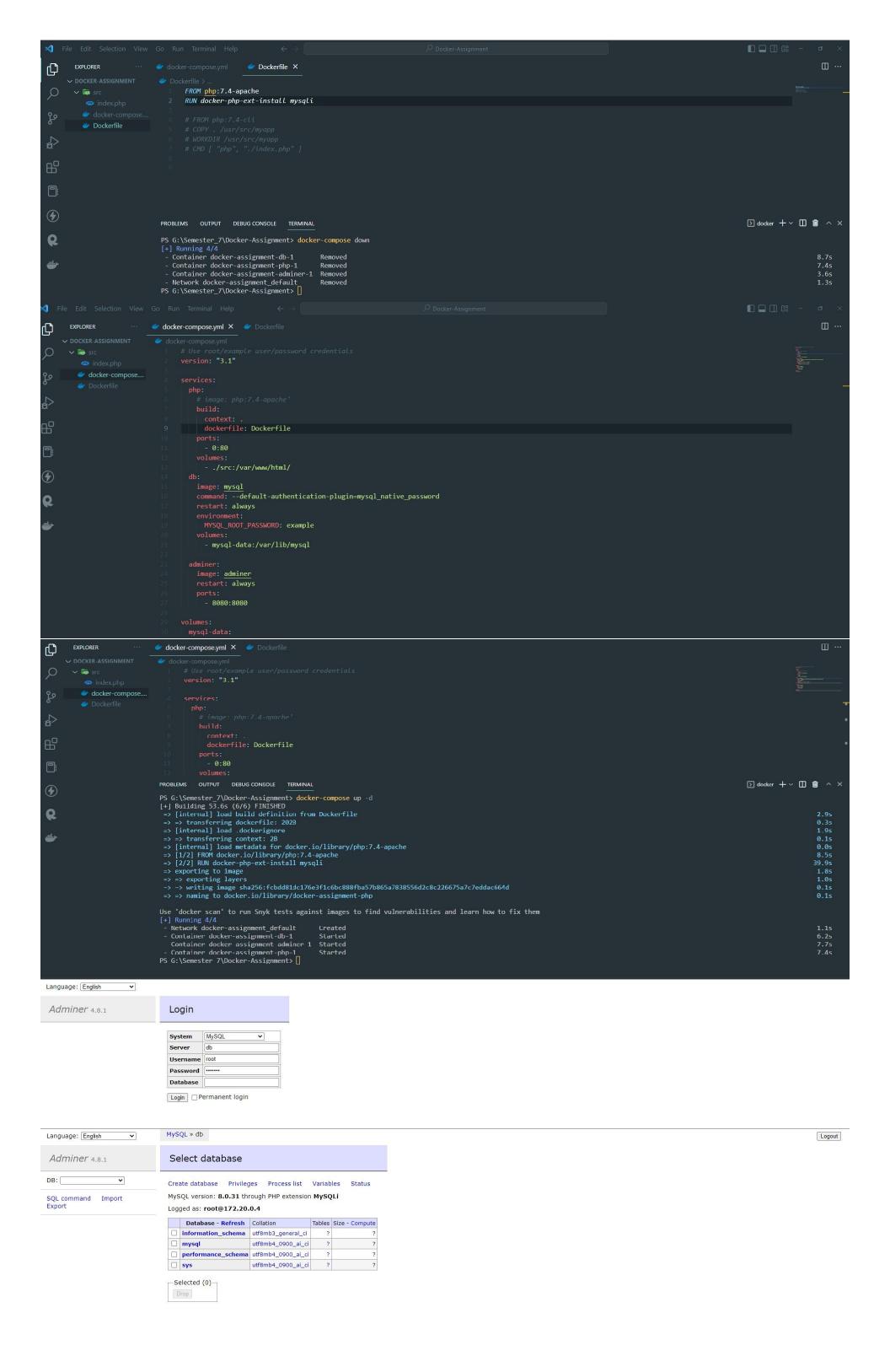
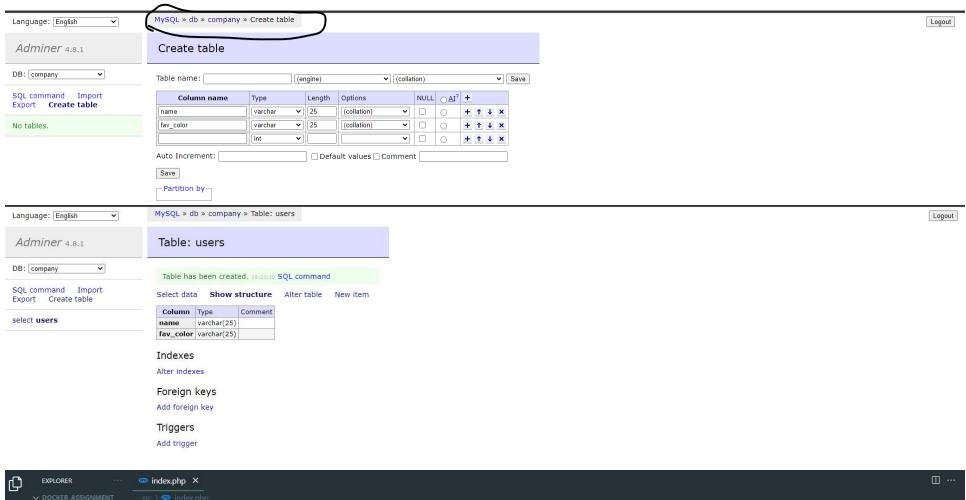
## Assignment # 2 (Dockers Multi Container)

- On this assignment we have create first PHP demo Docker image and run in console & local host.
- Further applied Docker Compose method to compose PHP code with local php code and database my-sql apache.
  - Create & managed my-sql database (make database entity and attributes) and access by PHP code in local host.









```
<?php
       V 100
           index.php
                                           $mysqli = new mysqli("db", "root", "example", "company");
                                           $sql = "INSERT INTO users (name, fav_color) VALUES('Lil Sneazy', 'Yellow')";
                                           $result = $mysqli->query($sql);
                                           $sql = "INSERT INTO users (name, fav_color) VALUES('Nick Jonas', 'Brown')";
$result = $mysqli->query($sql);
                                           $sql = "INSERT INTO users (name, fav_color) VALUES('Maroon 5', 'Maroon')";
$result = $mysqli->query($sql);
                                           $sql = "INSERT INTO users (name, fav_color) VALUES('Tommy Baker', '043A2B')";
                                           $result = $mysqli->query($sql);
R
                                    19 $sql = 'SELECT * FROM users';
                                           if ($result = $mysqli->query($sql)) {
                                                while ($data = $result->fetch_object()) {
    $users[] = $data;
                                           foreach ($users as $user) {
                                                echo $user->name . " " . $user->fav_color;
                                    PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                                                                                                                                               Ð
       EXPLORER
                                    PS G:\Semester_7\Docker-Assignment> docker ps
                                   CONTAINER ID IMAGE COMMAND

docker-assignment-php docker-php-entrypoi..."

dbdf74d638291 mysql "docker-entrypoint.s..."

bddf959cda820 adminer "entrypoint.sh docker..."
                                                                                                                 CREATED
                                                                                                                                                                                         NAMES
                                                                                                                 17 minutes ago Up 17 minutes
17 minutes ago Up 17 minutes
17 minutes ago Up 17 minutes
1806/tcp
1806/tcp
1907/tcp
1908/tcp
1908/tcp
                                                                                                                                                                                        docker-assignment-php-1
                                                                                                                                                        3306/tcp, 33060/tcp docker-assignment-db-1
0.0.0.0:8080->8080/tcp docker-assignment-adminer-1
                                   PS G:\Semester_7\Docker-Assignment> docker stop f7942ce3e706 f7942ce3e706
                                    PS G:\Semester_7\Docker-Assignment> docker stop d5674d638291
                                    d5674d638291
                                   PS G:\Semester_7\Docker-Assignment> docker stop 8bd959cda820
8bd959cda820
                                   BDU999CUAGZU
PS G:\Semester_7\Docker-Assignment> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORT
PS G:\Semester_7\Docker-Assignment> docker rm f7942ce3e706
f7942ce3e706
NAMES
                                   PS G:\Semester_7\Docker-Assignment> docker rm d5674d638291 d5674d638291
                                    PS G:\Semester_7\Docker-Assignment> docker rm 8bd959cda820
Q
                                    8bd959cda820
                                    PS G:\Semester_7\Docker-Assignment>
```