

Ex 4 WT

Index.php

```
<?php
$servername = "db";
$username = "root";
$password = "rootpass";
$dbname = "testdb";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully to MySQL!";
?>
```

Dockerfile

```
FROM php:8.2-apache

# Install MySQLi extension
RUN docker-php-ext-install mysqli

COPY index.php /var/www/html/
```

Docker-compose.yml

```
version: '3.8'

services:
  web:
    build: ./web
    ports:
      - "8080:80"
    depends_on:
      - db

  db:
    image: mysql:5.7
```

```
restart: always
environment:
  MYSQL_ROOT_PASSWORD: rootpass
  MYSQL_DATABASE: testdb
volumes:
  - db-data:/var/lib/mysql

volumes:
  db-data:
```

>docker-compose up --build