

25. Create a container with nginx web server and create one more container with mysql.

Folder Structure

- nginx
 - html
 - index.html
 - nginx.config
- docker-compose.yml

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Welcome to NGINX</title>
</head>
<body>
  <h1>Hello from NGINX!</h1>
</body>
</html>
```

Nginx.config

```
    events {}
http {
    server {
        listen 80;
        root /usr/share/nginx/html;
        index index.html;
```

```

        location / {
            try_files $uri $uri/ =404;
        }
    }
}

```

Dockerfile-compose.yml

```
version: '3.8'
```

```
services:
```

```
  nginx:
```

```
    image: nginx:latest
```

```
    ports:
```

```
      - "8080:80" # Maps port 80 in the container to port 8080 on your local machine
```

```
    depends_on:
```

```
      - mysql # Ensures that the MySQL service starts before NGINX
```

```
  mysql:
```

```
    image: mysql:latest
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: Mahesh@123 # Set your root password
```

```
      MYSQL_DATABASE: mydatabase      # Default database name
```

```
      MYSQL_USER: myuser              # MySQL user
```

```
      MYSQL_PASSWORD: mypassword      # MySQL user password
```

```
    ports:
```

```
      - "3308:3306" # Expose MySQL on port 3306 for local access
```

Commands

```
Docker-compose up --build
```

