**Run mysql inside docker**

**Step 1: Run MySQL in Docker**

**Open cmd and follow the steps given**

**1.1 Pull the MySQL Docker Image**

Pull the official MySQL image from Docker Hub:

docker pull mysql:latest

**1.2 Run the MySQL Container**

Run a MySQL container with the required configurations:

docker run --name mysql-container -e MYSQL\_ROOT\_PASSWORD=rajesh -e MYSQL\_DATABASE=synechrone1 -p 3306:3306 -d mysql:latest

**Explanation**:

* --name mysql-container: Names the container mysql-container.
* -e MYSQL\_ROOT\_PASSWORD=rootpassword: Sets the root password.
* -e MYSQL\_DATABASE=mydatabase: Creates a database named mydatabase.
* -p 3306:3306: Maps port 3306 of the container to port 3306 of the host machine.
* -d: Runs the container in detached mode.

**1.3 Verify MySQL is Running**

Check that the MySQL container is running:

docker ps

You should see mysql-container in the list of running containers.

**1.4 Open mysql prompt as below**

docker exec –it mysql-container /bin/bash

Then type

mysql –u root –p

It will prompt for password write password as rajesh and enter

Happy ending!!!!