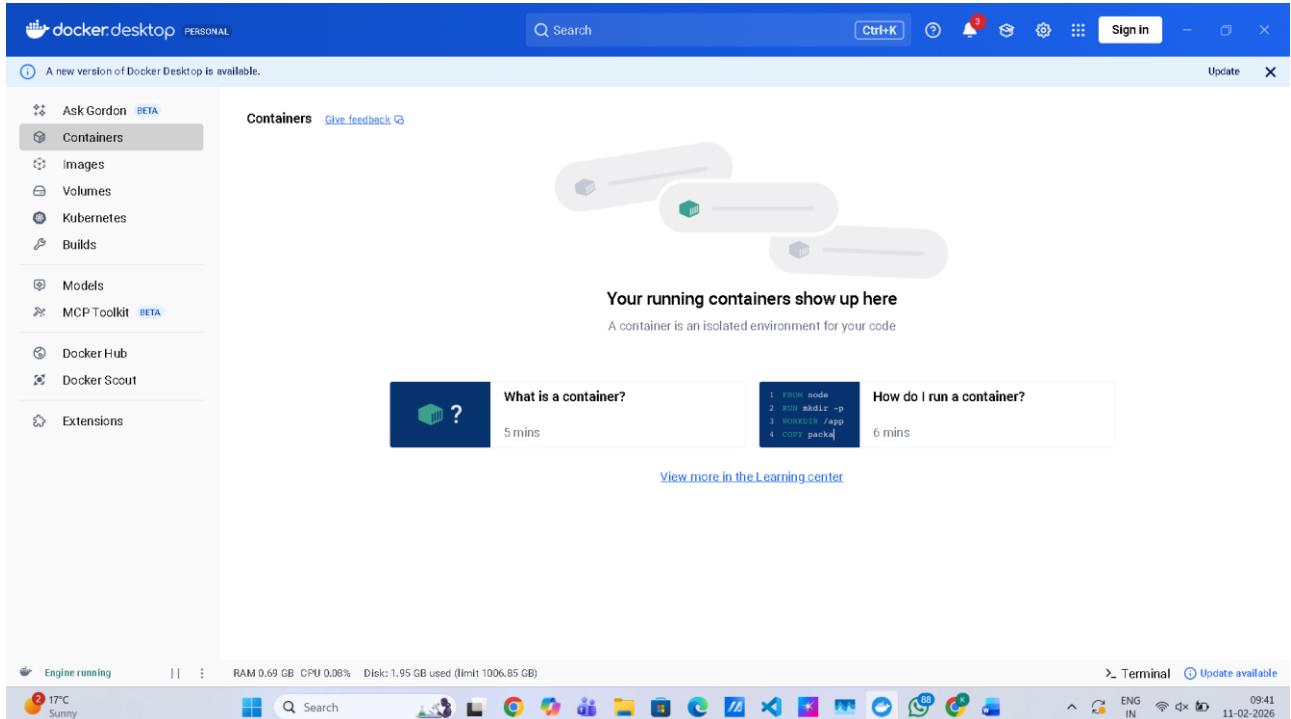


# CSA3423-NoSQL

## Cassandra Setup

### Cassandra Exp.1

#### 1) Open Docker Software and make sure there are no active containers.



#### 2) Open Terminal and type the following command to install latest version of Cassandra.

'docker pull cassandra:latest'

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\ASUS> docker pull cassandra:latest

#### 3) Create a Cassandra container using the following command.

'docker run --name FirstDB -p 9042:9042 -d cassandra'

PS C:\Users\ASUS> docker run --name FirstDB -p 9042:9042 -d cassandra

<input type="checkbox"/>	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input checked="" type="checkbox"/>	FirstDB	df213d440dc1	cassandra	9042:9042 ↗	83.83%	21 seconds ago	<span style="color: blue;">█</span> ⋮ <span style="color: red;">✖</span>

#### 4) Verify that cassandra is running using the following command.

'docker ps'

```
PS C:\Users\ASUS> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS
NAMES
df213d440dc1 cassandra "docker-entrypoint.s..." About a minute ago Up About a minute 0.0.0.0:9042->9
042/tcp, [::]:9042->9042/tcp FirstDB
```

#### 5) Enter the Cassandra container and access Cassandra using Cqlsh.

'docker exec -it FirstDB cqlsh'

```
PS C:\Users\ASUS> docker exec -it FirstDB cqlsh
Connected to Test Cluster at 127.0.0.1:9042
[cqlsh 6.2.0 | Cassandra 5.0.6 | CQL spec 3.4.7 | Native protocol v5]
Use HELP for help.
cqlsh>
```