

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

**Application Containerization**

**Experiment 5**

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**Course: B-Tech CSE DevOps (2018-22)**

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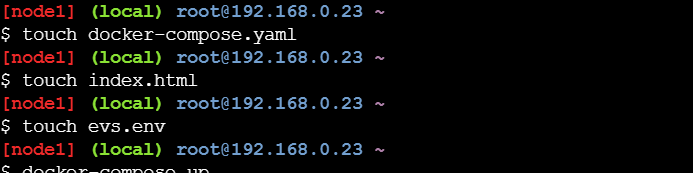
**Docker Compose**

**Creating docker-compose file for ‘Nginx’ and ‘MySql’**

* Create “docker-compose.yaml” file and a “evs.env” file

touch docker-compose.yaml

touch evs.env



* Write the following content in the “docker-compose.yaml” file:

version: '3'

services:

databases:

image: mysql

ports:

- "3307:3306"

env\_file:

- evs.env

web:

image: nginx

ports:

- "80:80"

depends\_on:

- databases

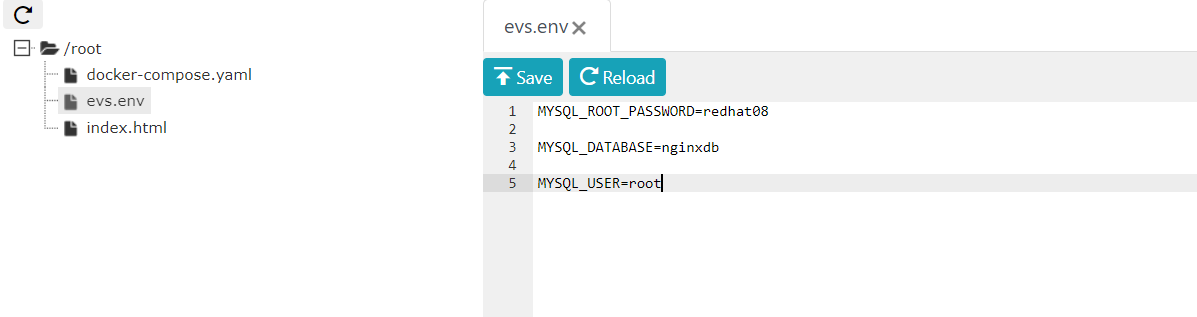


* Write the following content in the “evs.env” file:

MYSQL\_ROOT\_PASSWORD=redhat08

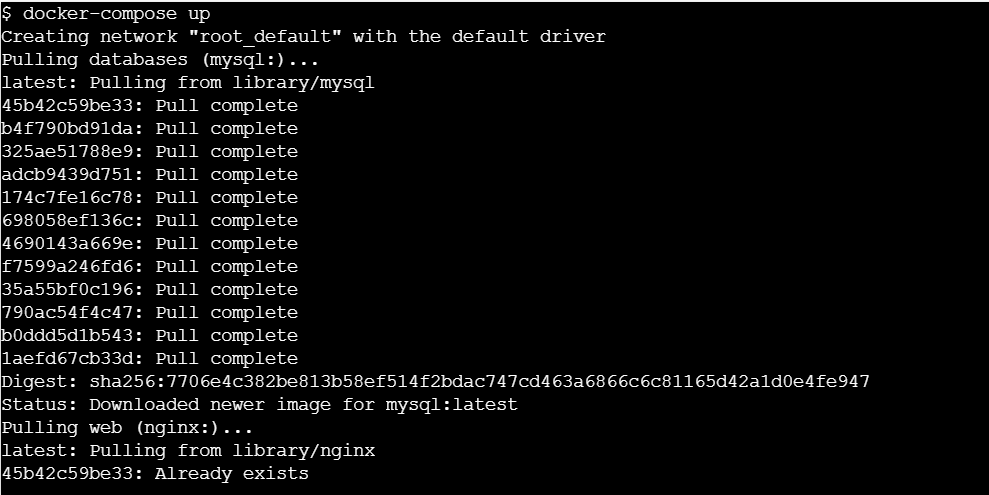
MYSQL\_DATABASE=nginxdb

MYSQL\_USER=root



* Run the docker-compose command:

docker-compose up



* Once the command runs successfully, visit “localhost:80” to see the “Nginx” container running connected to “MySql” container:

