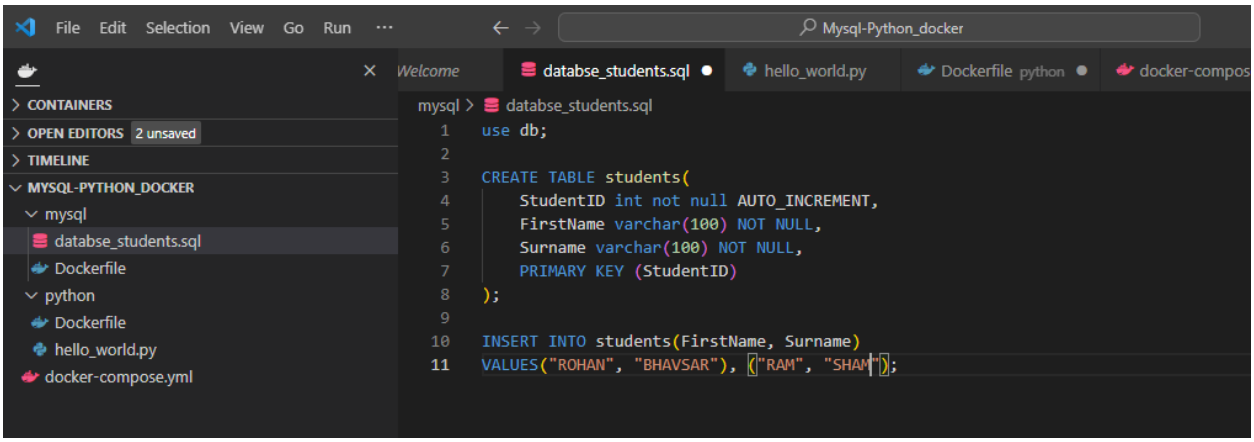
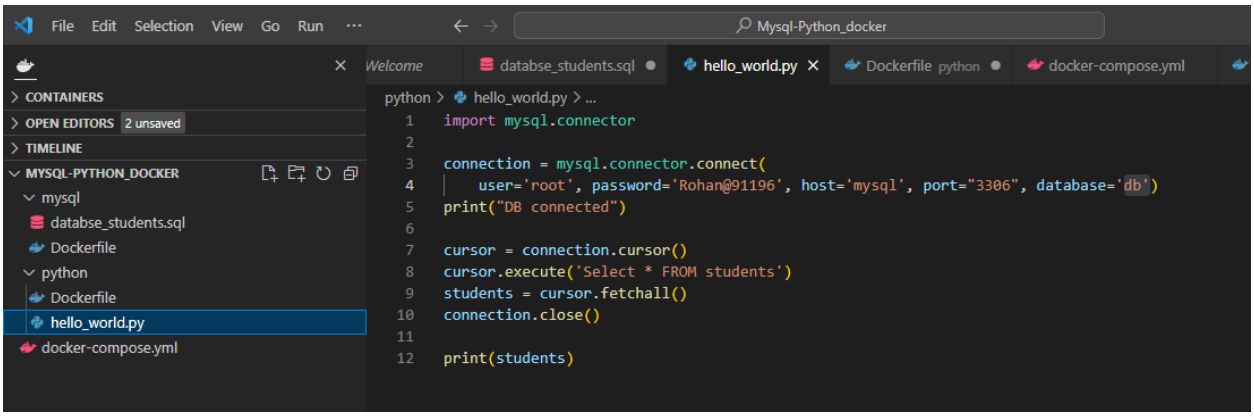
DOCKER COMPOSE

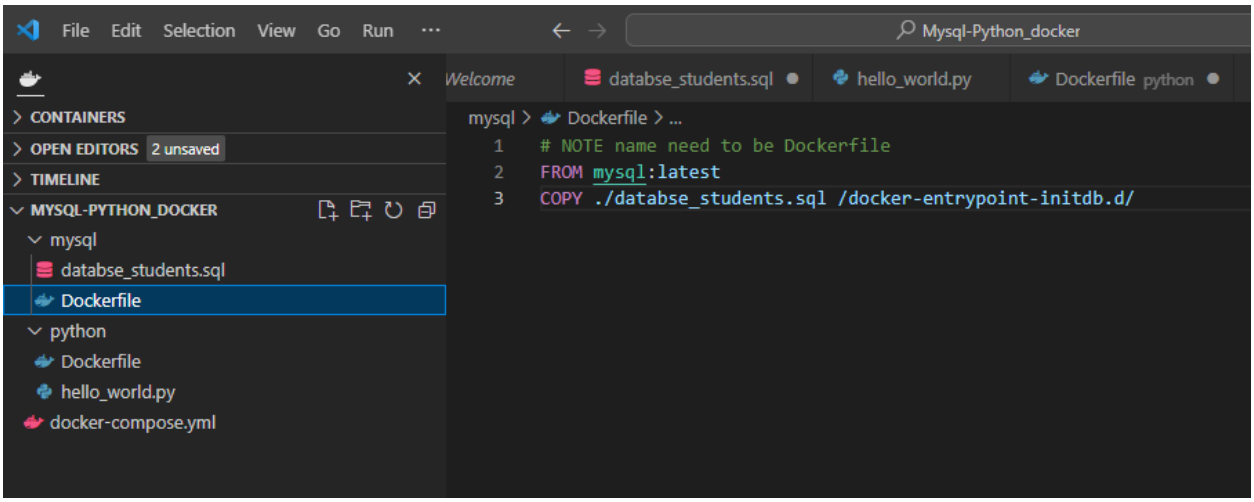
STEP 1: Creating MYSQL database and table



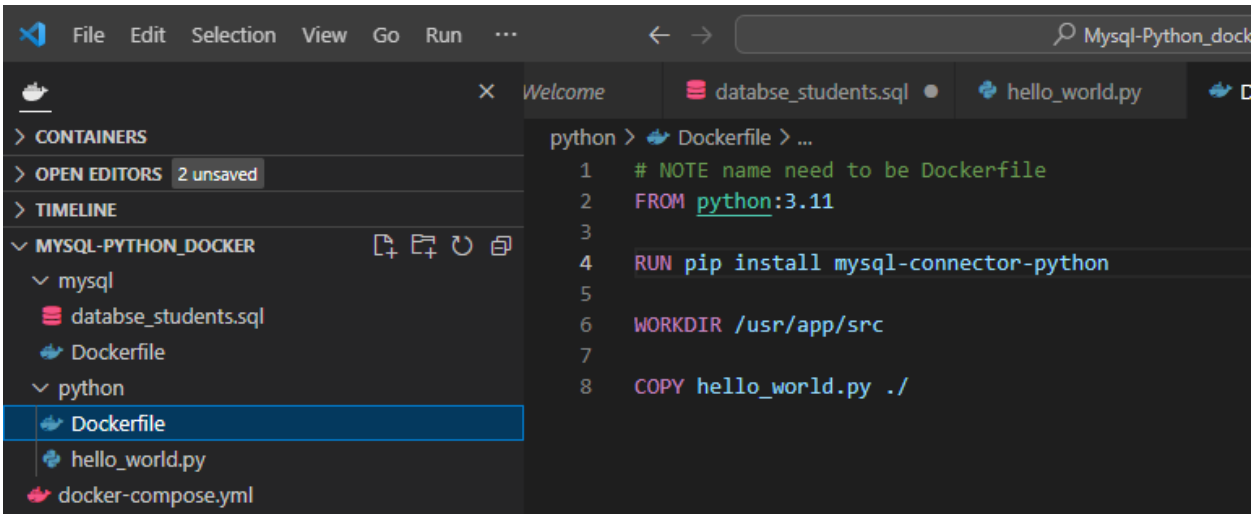
STEP 2: CREATING PYTHON FILE



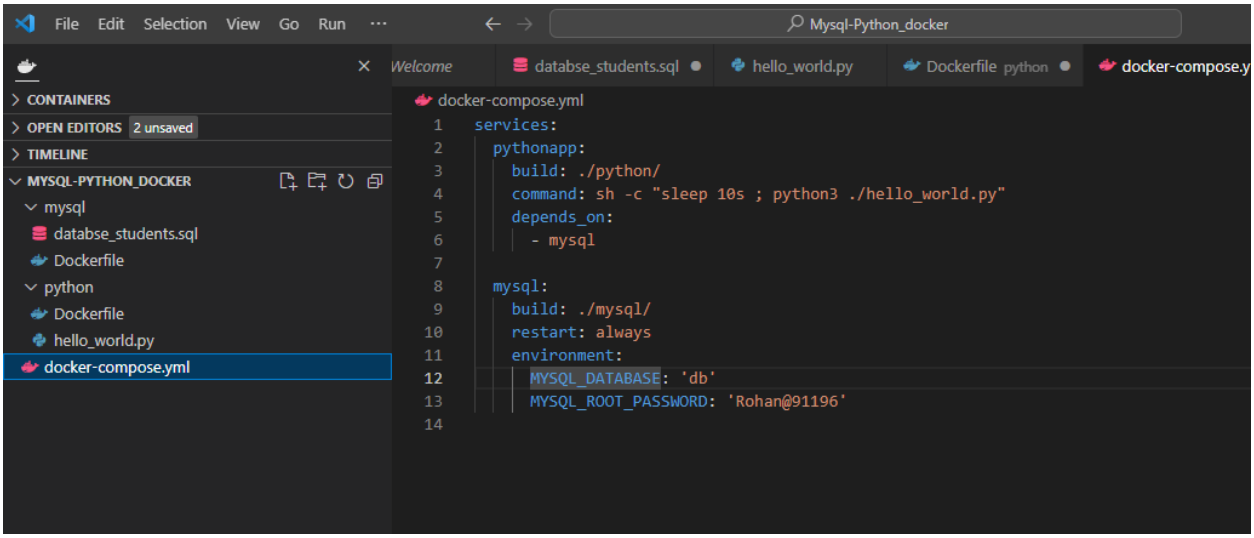
Step 3: Creating docker file for mysql container



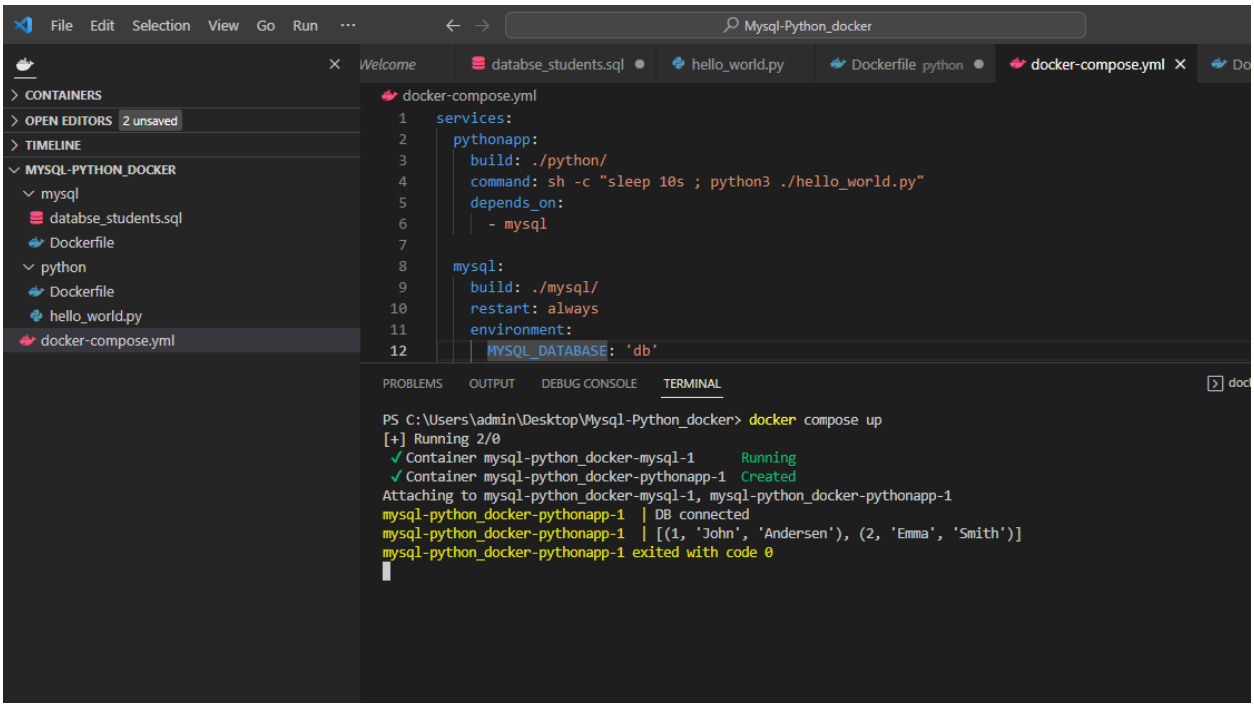
Step 4: Creating docker file for python app



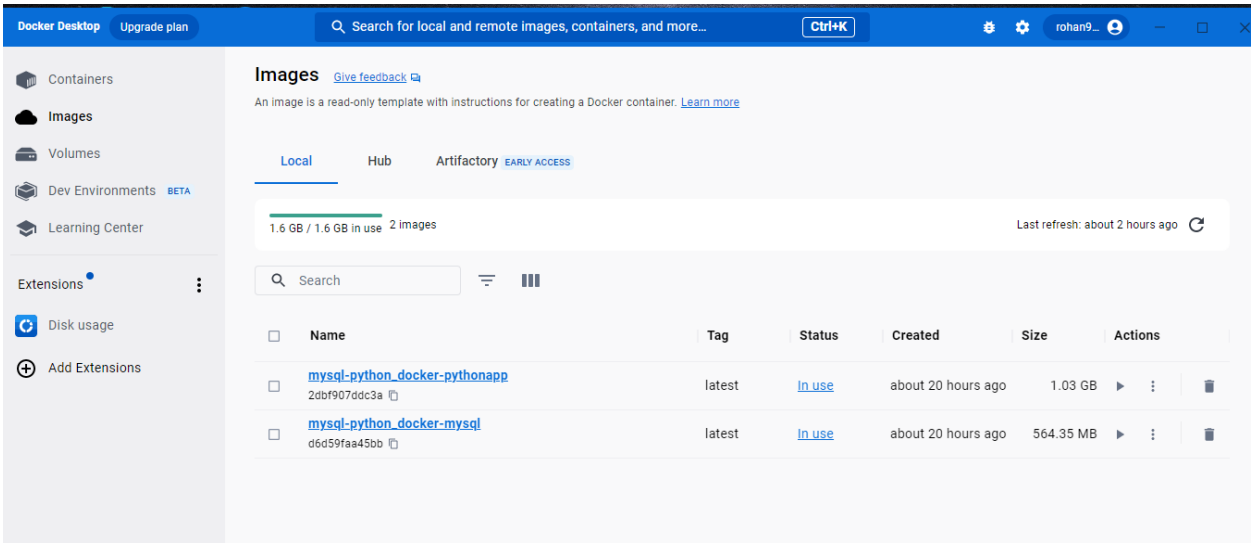
Step 5: creating docker compose .yml file

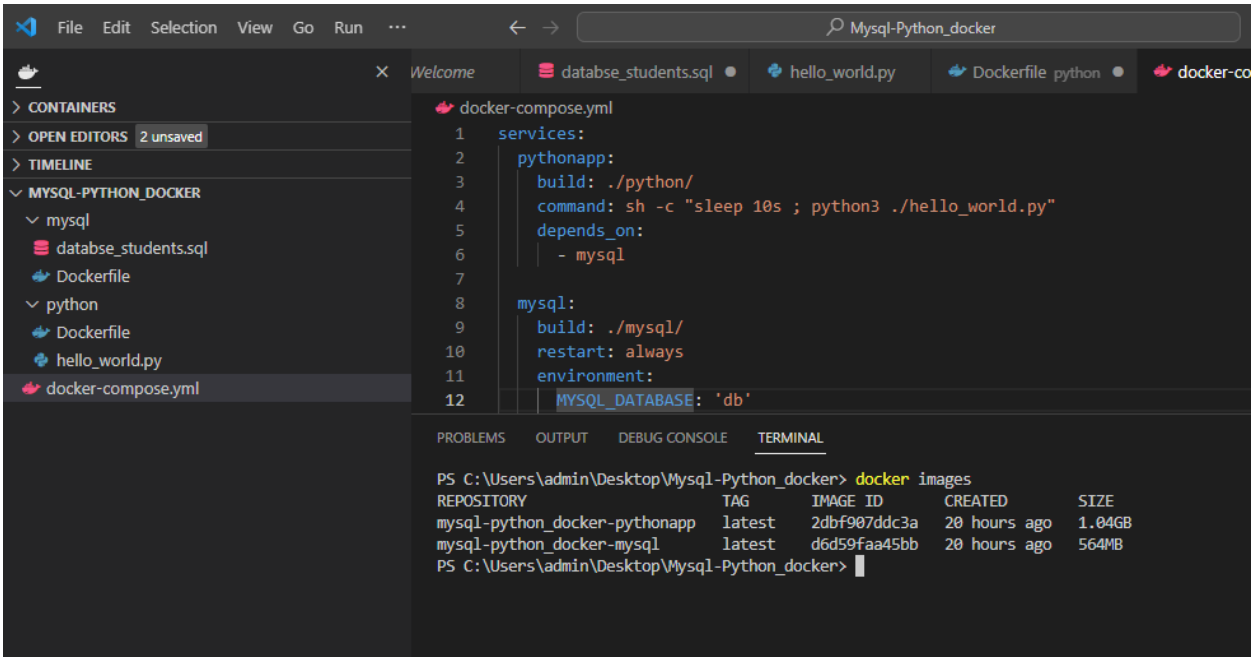


Step 6: Running docker compose up commands

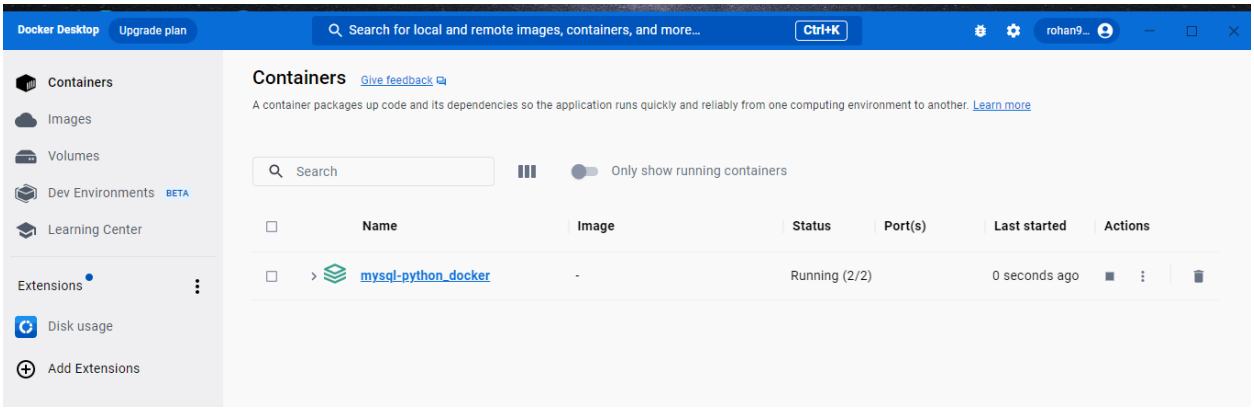


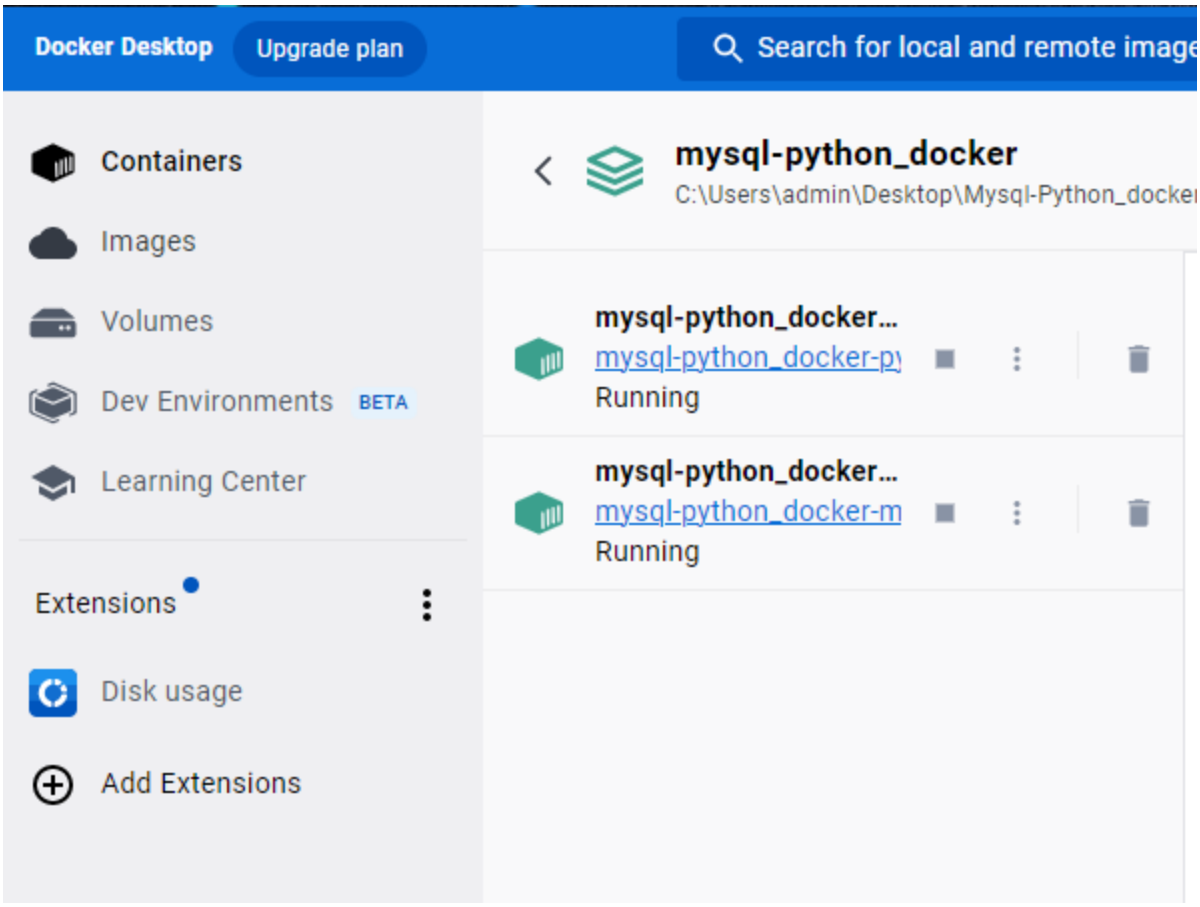
Step 7: Created images

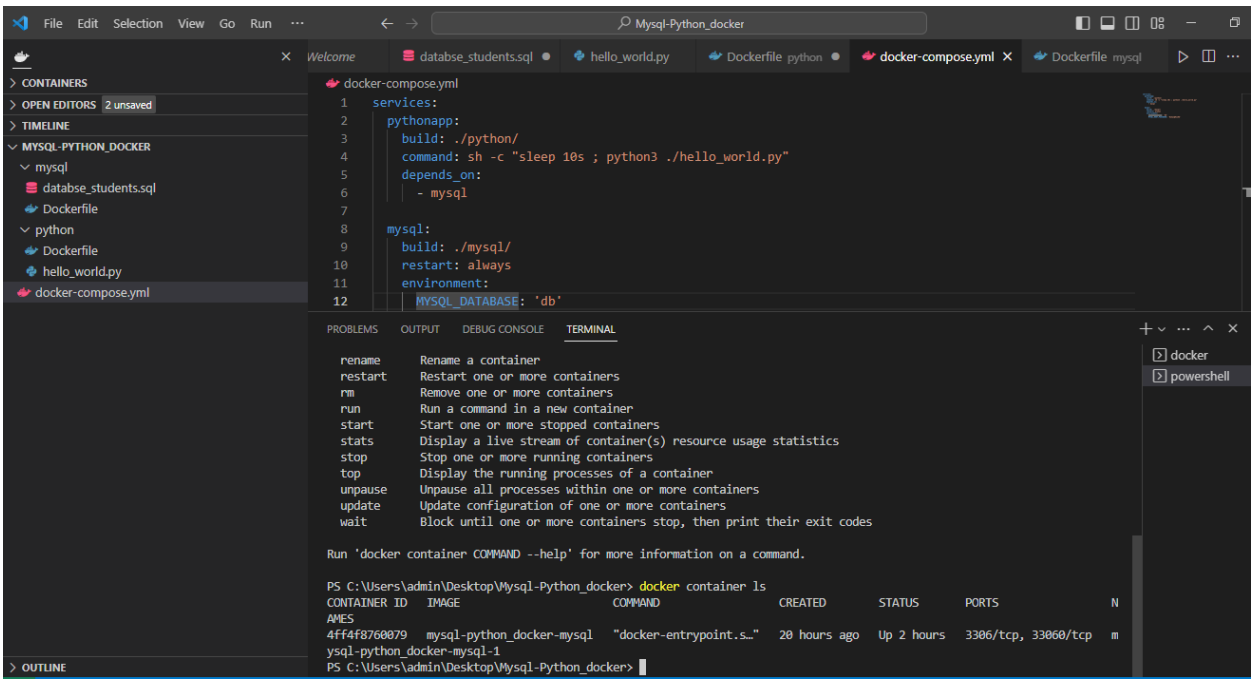




Step 8: docker containers




Docker Desktop
Upgrade plan
Search for local and remote image
Containers
Images
Volumes
Dev Environments
BETA
Learning Center
Extensions
Disk usage
Add Extensions
mysql-python_docker
C:\Users\admin\Desktop\Mysql-Python_docker
mysql-python_docker...
mysql-python_docker-py
Running
mysql-python_docker...
mysql-python_docker-m
Running


File Edit Selection View Go Run
Mysql-Python_docker
CONTAINERS
OPEN EDITORS 2 unsaved
TIMELINE
MYSQL-PYTHON_DOCKER
mysql
databse_students.sql
Dockerfile
python
Dockerfile
hello_world.py
docker-compose.yml
OUTLINE
Welcome
databse_students.sql
hello_world.py
Dockerfile python
docker-compose.yml
Dockerfile mysql
docker-compose.yml
services:
pythonapp:
build: ./python/
command: sh -c "sleep 10s ; python3 ./hello_world.py"
depends_on:
- mysql
mysql:
build: ./mysql/
restart: always
environment:
MYSQL_DATABASE: 'db'
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
rename Rename a container
restart Restart one or more containers
rm Remove one or more containers
run Run a command in a new container
start Start one or more stopped containers
stats Display a live stream of container(s) resource usage statistics
stop Stop one or more running containers
top Display the running processes of a container
unpause Unpause all processes within one or more containers
update Update configuration of one or more containers
wait Block until one or more containers stop, then print their exit codes
Run 'docker container COMMAND --help' for more information on a command.
PS C:\Users\admin\Desktop\Mysql-Python_docker> docker container ls
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS N
AMES
4ff4f8760079 mysql-python_docker-mysql "docker-entrypoint.s…" 20 hours ago Up 2 hours 3306/tcp, 33060/tcp m
ysql-python_docker-mysql-1
PS C:\Users\admin\Desktop\Mysql-Python_docker>
docker
powershell