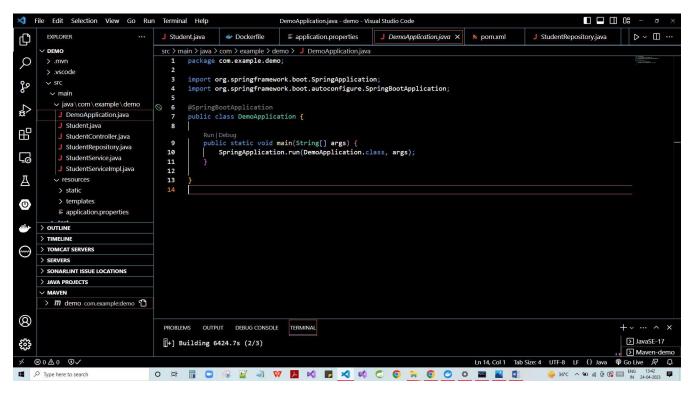
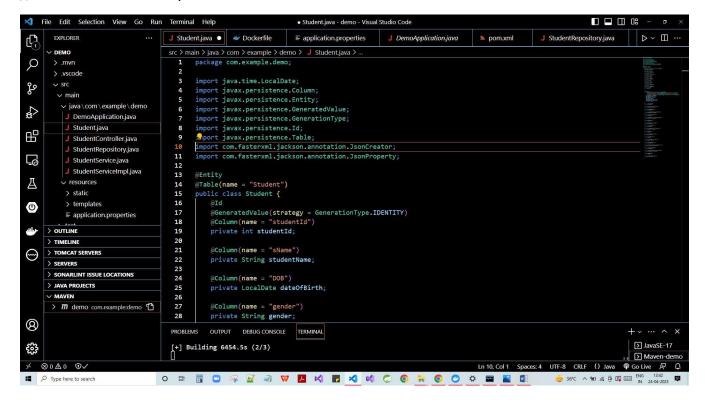
DOCKER using VS CODE

• Dockerized the Spring boot application with MYSQL database

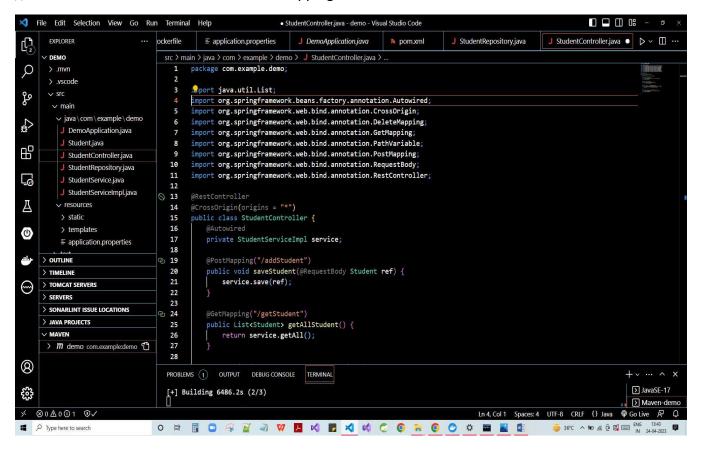
// Created Maven project with DemoApplication.java



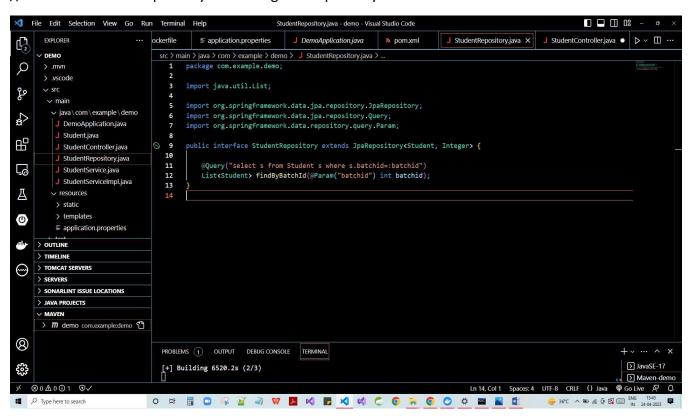
// Created Student Entity



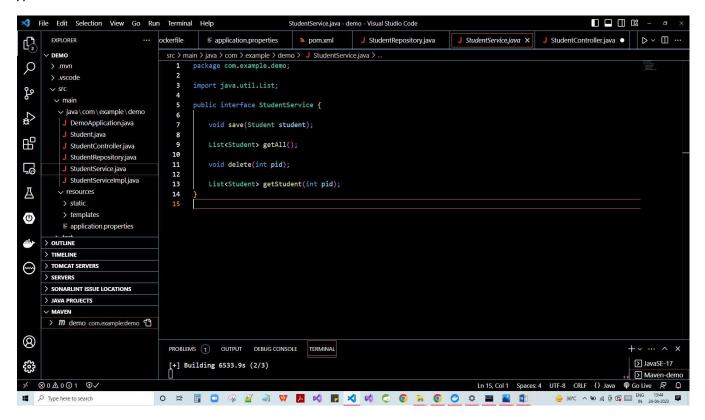
// Created Student Controller class with mapping methods



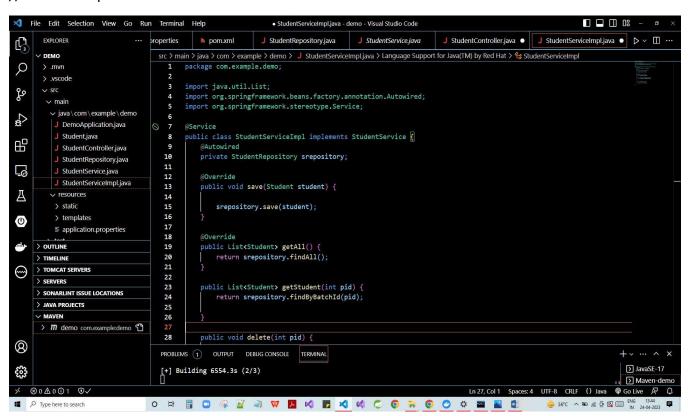
// Created Student Repository class using JPA Repository



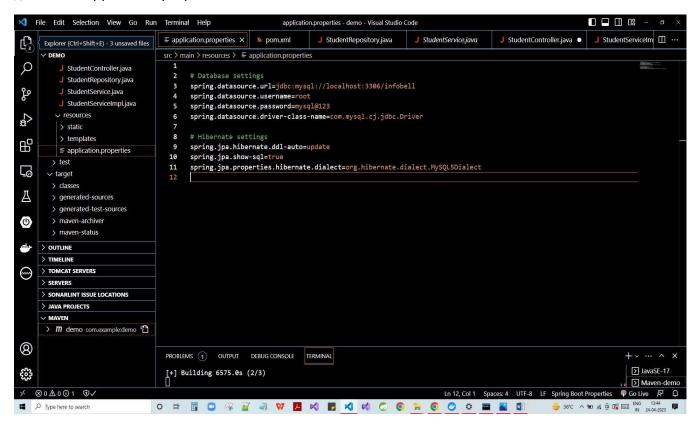
// Created Student Service interface



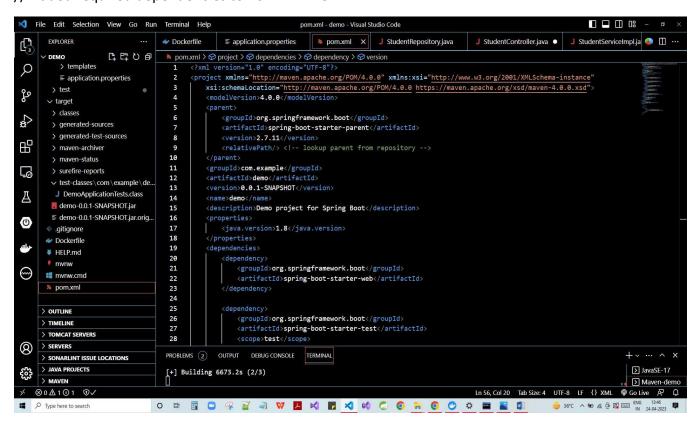
// Created Implementation class for Student Service interface



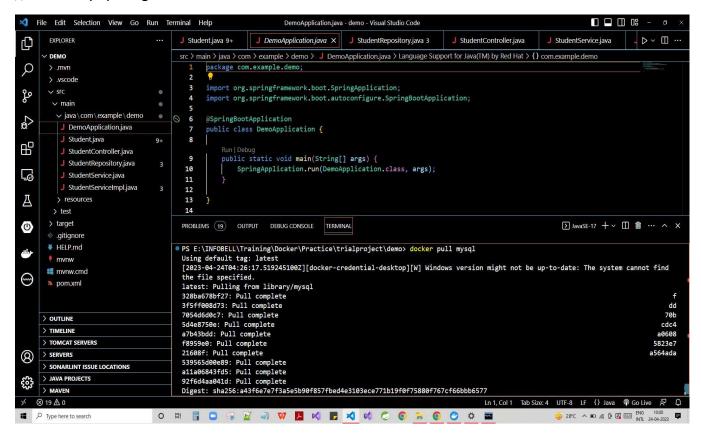
// Created application.properties file with database credentials



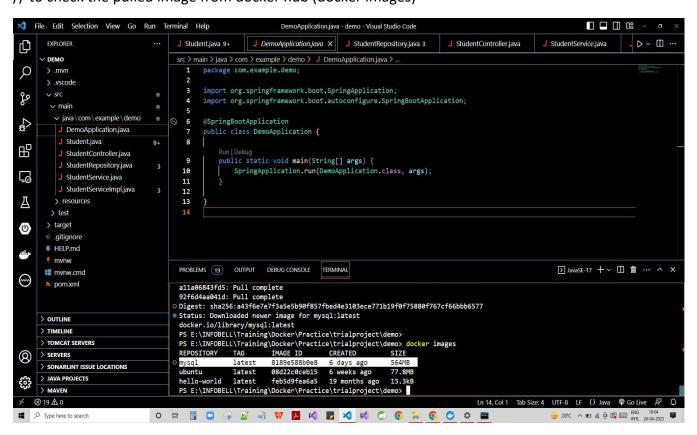
// Added required dependencies to Pom.xml file



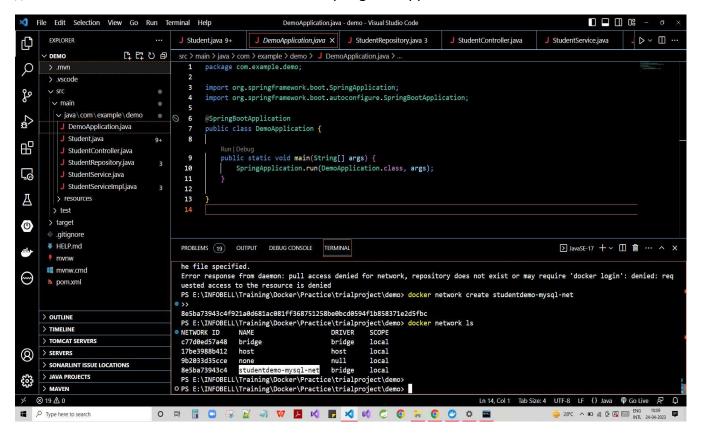
// Pulled mysql image from docker hub



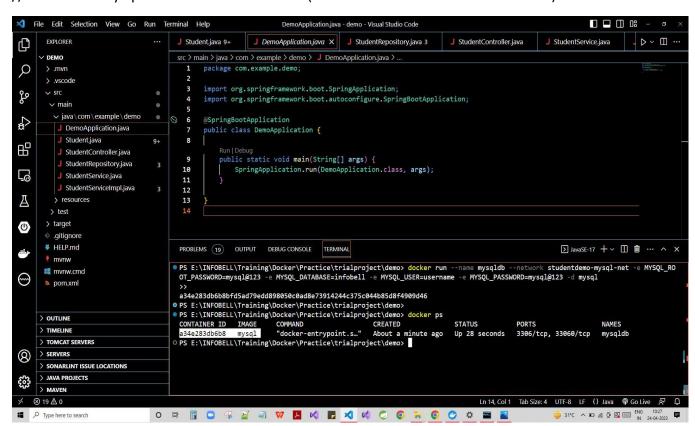
// to check the pulled image from docker hub (docker images)



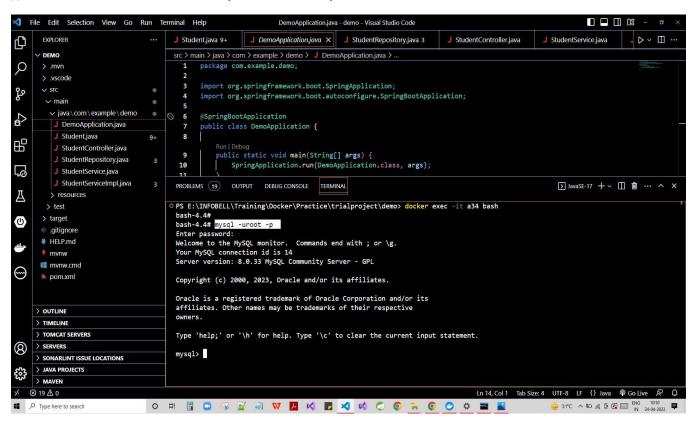
// Created a network to communicate between springboot application & MYSQL database & checked

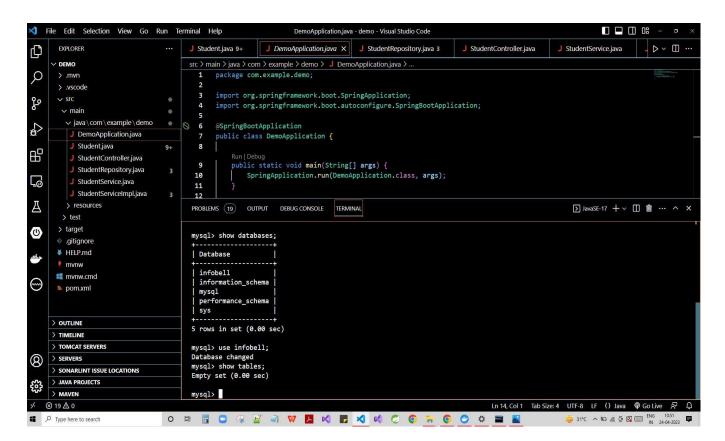


// to Run the mysql container in the network (docker runenvironment variables)

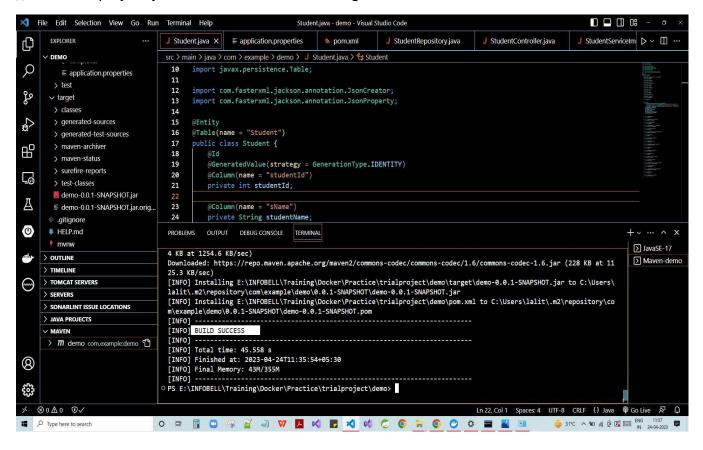


// to run in the interactive mode (docker exec –it) & to check the created database

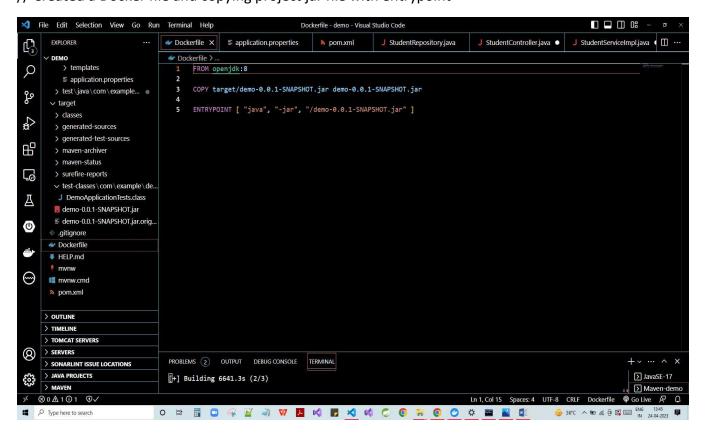




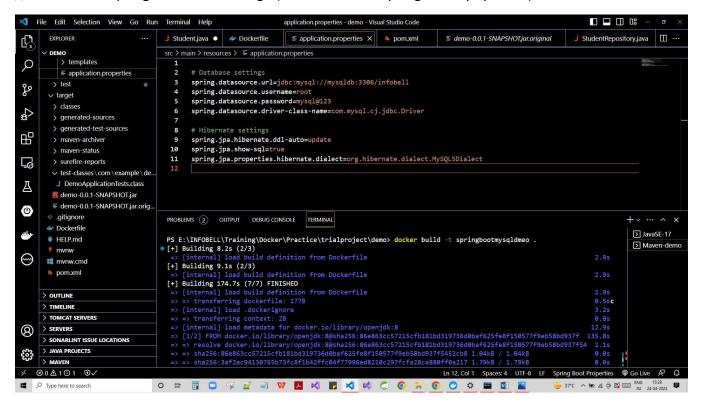
// Created a project .jar file in test-classes inside target folder



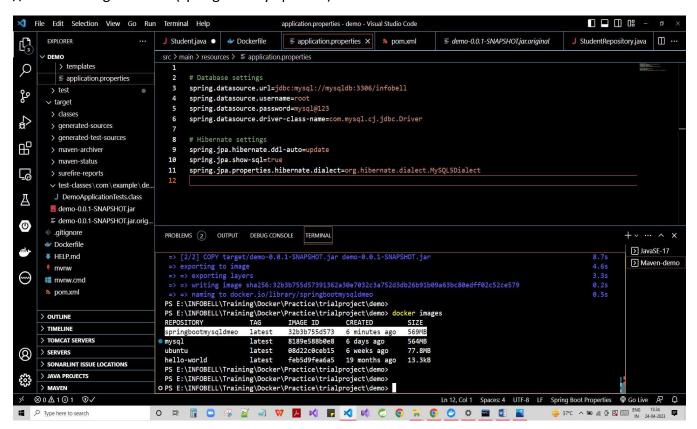
// Created a Docker file and copying project jar file with entrypoint

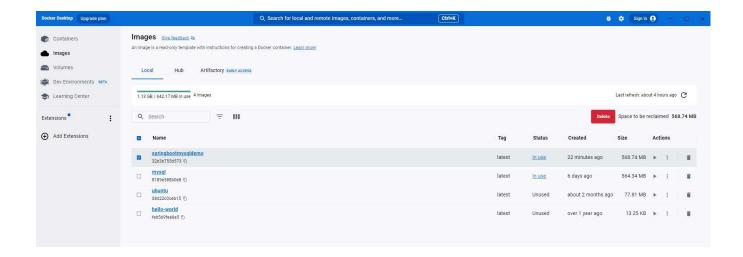


// to build the springboot docker image (docker build –t springbootmysqldemo)



// Docker image created (springbootmysqldemo)





// Created a container as studentdemo-containerr using springbootmysqldemo image

