Exercise 4 – Running Multiple Services with Docker Compose

# Overview

Each running container within a docker environment is a service. Docker compose allows us to run related applications together.

# Install git

If you don’t already have git installed, please do so now.

choco install git

# Install docker-compose

Docker Compose is a tool for defining and running multi-container Docker Applications.

# Download Source

We’re going to use the Music Store MVC application.

Use git to pull the source for the Sample MusicStore MVC application.

https://github.com/friism/Musicstore

# Examine the docker-compose.windows.yaml file

The yaml file describes each service as well as the relationship between services.

Modify the docker-compose.windows.yml

# Build the application

docker-compose -f ./docker-compose.windows.yml build

# Run the application

docker-compose -f ./docker-compose.windows.yml up

# Examine the running application in Docker

User docker ps and other commands to examine the running application.

# Push the application into your Docker repository