Please find below the detailed step which I followed for this assessment:

1. Created docker-compose.yml file (attached)
2. Created telegraf.conf file (attached)
3. Used a sample spring boot application jar file (springApp.jar – attached)
4. Created Dockerfile (attached) to mount the jar file on docker tmp folder (attached)
5. Triggered the docker-compose.yml file to pull docker images and start containers. Snapshot pasted below:

A black screen with a black background

Description automatically generated

1. Checked the status for all containers in Docker Desktop, snapshot pasted below:

A screenshot of a computer

Description automatically generated

1. Created DataSource (influxdbSpring) in Grafana as below:

A black and grey rectangular object

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Created Dashboard (SpringBootDockerDashboard) in Grafana:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

This dashboard captures below details:

* Total Docker Containers
* Running Docker Containers
* Stopped Docker Containers
* Total Docker Images Available
* Docker Container Details like name and id
* Docker Container up time
* Docker Container Memory usage
* Docker Container CPU usage