1. Write a Docker Script to perform the following actions.

* Download the Docker image for SQL Server Developer Edition
* Have a folder called DBScripts in the Docker root container where all the SQL Server Database scripts are present
* The .sql file in the DBScripts folder should run in Ascending order in the Database when the Docker image is built
* The SQL Server Developer edition should be exposed to the Docker host machine so that the Reporting tools / SSMS can connect to it from the host machine

please test with the following SQL scripts in the DBScripts folder.

* 01-create-database.sql

CREATE DATABASE testDB;

* 02-create-table.sql

USE DATABASE testDB;

CREATE TABLE Test

(

Id int,

Data varchar(50)

);

* 03-insert-data.sql

INSERT INTO Test (

Id, Data

)

VALUES (

1, 'A'

);

The expected outcome should be

* Docker container with the SQL Server Developer tools installed
* SQL Port exposed outside to the host image
* The Database and Table created with the Sample

APPROACH:

1. Created an DBscript folder and create 3 .sql scripts in that folder with the above queries.
2. Now write a docker file with the following syntax

FROM microsoft/mssql-server-windows-developer

COPY DBScripts .

ENV ACCEPT\_EULA Y

ENV sa\_password \*\*\*\*\*

RUN \*\*SQL logic to run the sql files in DB script folder in Acending order when image is built\*\*

1. Navigate to the root folder on git and do the following and build the docker image

docker build .

docker image ls #copy the image ID

docker run -p 1433:1433 --name MY-CONTAINER-NAME 19873f41b375

