Aryan Vats

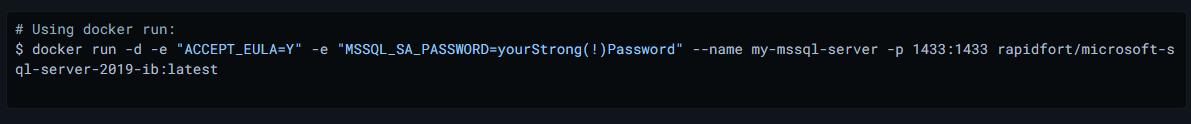
BT22GCS208

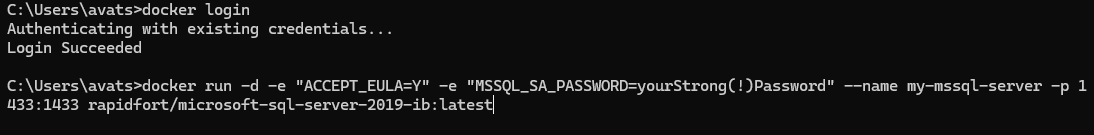
Lab Assignment 5

Containerization and Application Deployment

Install SQL image:







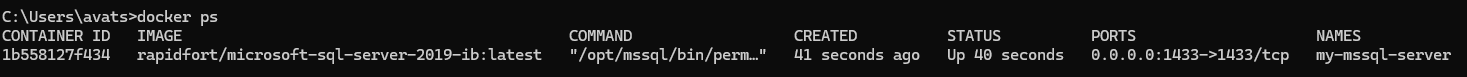
A computer screen with white text

Description automatically generated

A computer screen with white text

Description automatically generated

Checking the status of the containers:



Using Microsoft Azure for the sql queries

A screenshot of a computer

Description automatically generated

Create application server:

A screenshot of a computer

Description automatically generated

Allow application to communicate with database:

A black screen with white text

Description automatically generated

For activity log use logging service:

A computer screen with white text

Description automatically generated

Creating login page

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A computer screen shot of a black screen

Description automatically generated

Create a folder called “Public” with HTML file in it and also update the app.js and docker files

A screenshot of a computer

Description automatically generated

HTML:

A screenshot of a computer program

Description automatically generated

For login:

A screenshot of a computer program

Description automatically generated

Start the server:

A computer screen with white text

Description automatically generated

The server is running on port 3000.

The login page will look like this:

A screenshot of a computer

Description automatically generated