Docker Demo

Purpose of this demo is to demonstrate the ease of containerizing application into Docker image and spinning that image up into a container in the Azure Cloud. The application is a simple application that uses an in-memory database to store its data. Using SQL Server in Azure would be just as easy but that would be part of a more in-depth demo.

Demo Steps

1. Add Docker support to existing application to containerize into Docker image. Create Docker image.
2. Verify app works locally as Docker container; spin up image.
3. Tag and push image to public docker hub repository.
4. Log into Azure portal, create resource group for this demo.
5. Create Web App for Containers service. Spin up image into running container.
6. Verify app works on the cloud as it did locally. Takes a while to initially spin up and be accessible on the internet.

Code on Github: https://github.com/andrewsheley/DockerDemoWork