Build an EF and ASP.NET Core 2 App HOL (Mac)

Step 1: Install .NET Core

1) .NET runtime can be found here: https://www.microsoft.com/net/download/macos

    a) Download and install the 2.0.5 version

Step 2: Install Visual Studio for Mac

1) Visual Studio Installer can be found here https://www.visualstudio.com/vs/visual-studio-mac/.

    a) Download and run the installer.

Step 3: Install Docker

1) Docker can be found here: https://www.docker.com/docker-mac

    a) Download and run the installer.

Step 4: Install and run Microsoft SQL Server 2017 for Linux

1) Run terminal

```
"docker run -e 'ACCEPT_EULA=Y' -e 'MSSQL_SA_PASSWORD=P@ssw0rd' -p 1433:1433 --name dotNetHOL -d
microsoft/mssql-server-linux:2017-latest"
```

2) To verify that it was pulled and ran ok you can run:

```
'docker ps' to check the status of the container.
'docker logs dotNetHOL' to check the container logs. Verify that the server is accepting
connections.
```

Step 5: To Pull git repo

1) Run terminal

    a) cd into your code folder

```
'git clone https://github.com/skimedic/dotnetcore_hol.git'
```

Step 6: Update the Connection Strings (save for later in the lab)

1) Edit the connection string in "SpyStore_HOL.DAL/EfStructures/StoreContextFactory.cs"

```
"Server=.;Database=SpyStore_HOL2;User Id=sa;Password=P@ssw0rd"
```

2) Change the connection string in SpyStore_HOL.MVC/appsettings.Development.json

```
"Server=.;Database=SpyStore_HOL2;User Id=sa;Password=P@ssw0rd"
```