

Building the Docker Image

```
D:\Training\Pratice_Project_2\BankWebApp>docker build -t banklogin-img -f D:\Training\Pratice_Project_2\BankWebApp\BankWebApp\Dockerfile .
[+] Building 46.7s (18/18) FINISHED                                docker:default
=> [internal] load .dockerignore                                  0.0s
=> => transferring context: 382B                                   0.0s
=> [internal] load build definition from Dockerfile               0.0s
=> => transferring dockerfile: 781B                                0.0s
=> [internal] load metadata for mcr.microsoft.com/dotnet/sdk:6.0 0.2s
=> [internal] load metadata for mcr.microsoft.com/dotnet/aspnet:6.0 0.0s
=> [build 1/7] FROM mcr.microsoft.com/dotnet/sdk:6.0@sha256:9ffba4bc057861c60464f413021359ae151d918a8d696849e65f 0.0s
=> [internal] load build context                                  0.5s
=> => transferring context: 8.14MB                                  0.5s
=> [base 1/2] FROM mcr.microsoft.com/dotnet/aspnet:6.0           0.0s
=> CACHED [build 2/7] WORKDIR /src                                0.0s
=> [build 3/7] COPY [BankWebApp/BankWebApp.csproj, BankWebApp/] 0.1s
=> [build 4/7] RUN dotnet restore "BankWebApp/BankWebApp.csproj" 37.0s
=> [build 5/7] COPY . .                                           0.1s
=> [build 6/7] WORKDIR /src/BankWebApp                            0.1s
=> [build 7/7] RUN dotnet build "BankWebApp.csproj" -c Release -o /app/build 5.5s
=> [publish 1/1] RUN dotnet publish "BankWebApp.csproj" -c Release -o /app/publish /p:UseAppHost=false 2.7s
=> CACHED [base 2/2] WORKDIR /app                                 0.0s
=> CACHED [final 1/2] WORKDIR /app                                0.0s
=> [final 2/2] COPY --from=publish /app/publish .                 0.1s
=> exporting to image                                              0.2s
```

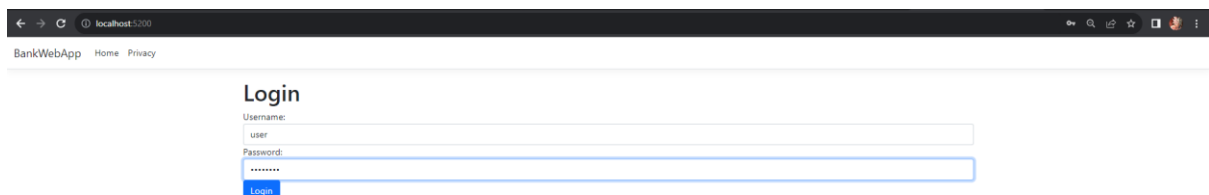
Creating a container for that image

```
D:\Training\Pratice_Project_2\BankWebApp>docker run -it --rm -p 5200:80 banklogin-img bankcontainer
warn: Microsoft.AspNetCore.DataProtection.Repositories.FileSystemXmlRepository[60]
      Storing keys in a directory '/root/.aspnet/DataProtection-Keys' that may not be persisted outside of the container
      . Protected data will be unavailable when container is destroyed.
warn: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[35]
      No XML encryptor configured. Key {e62b241c-17eb-4232-b8a8-6e03e558f647} may be persisted to storage in unencrypted
      form.
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://[::]:80
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Production
info: Microsoft.Hosting.Lifetime[0]
      Content root path: /app/
```

After accessing localhost:5200



Before login



After login

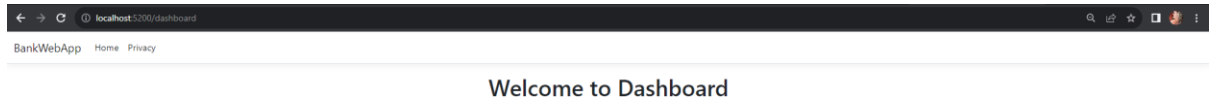




Image and application is running

<input type="checkbox"/>	 determini 8ff232b3f	banklogin-img	Running	5200:80	11 seconds ago	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	 BankWe 434cbe18	bankwebapp:dev	Running	32771:80	5 minutes ago	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>