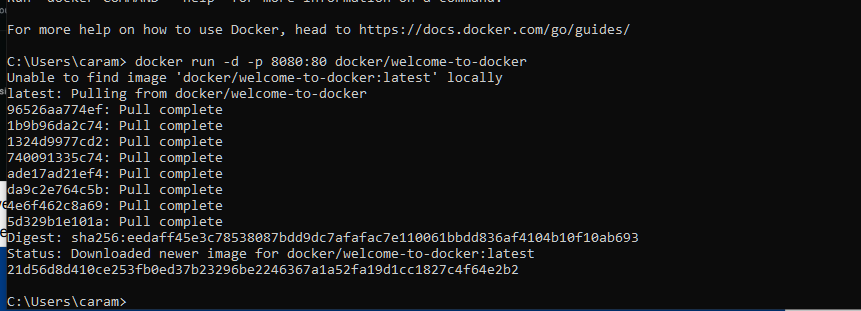
**C00274825 – PETER HYLAND**

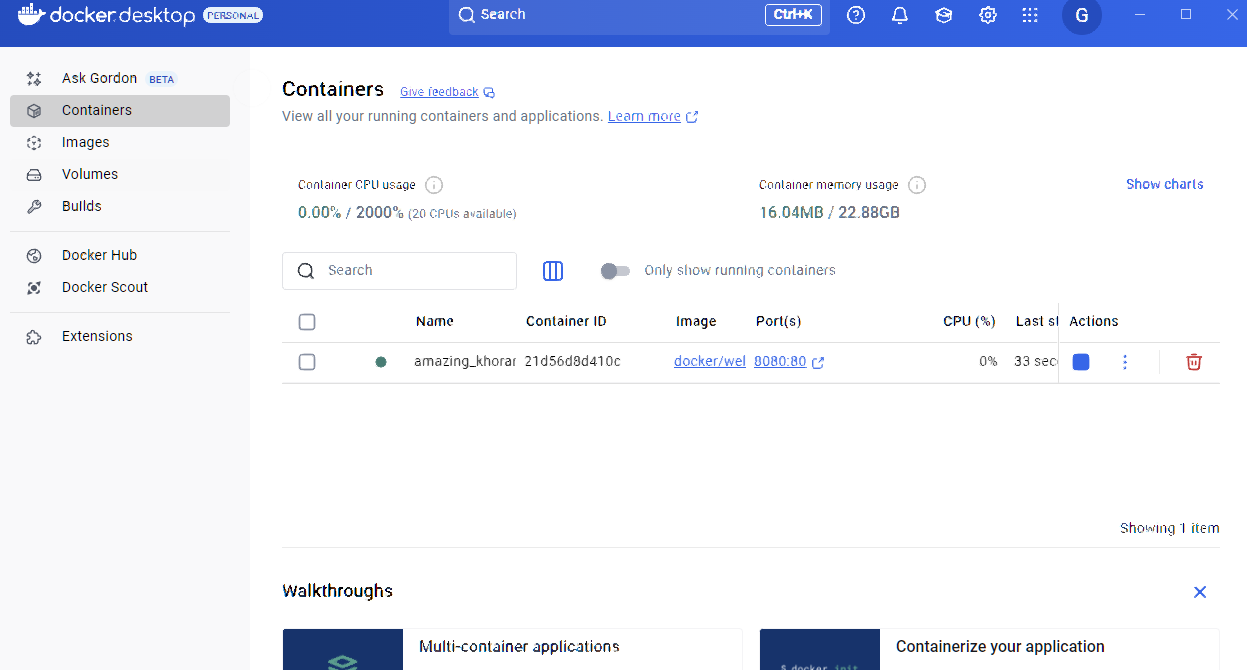
**Publishing and exposing ports**

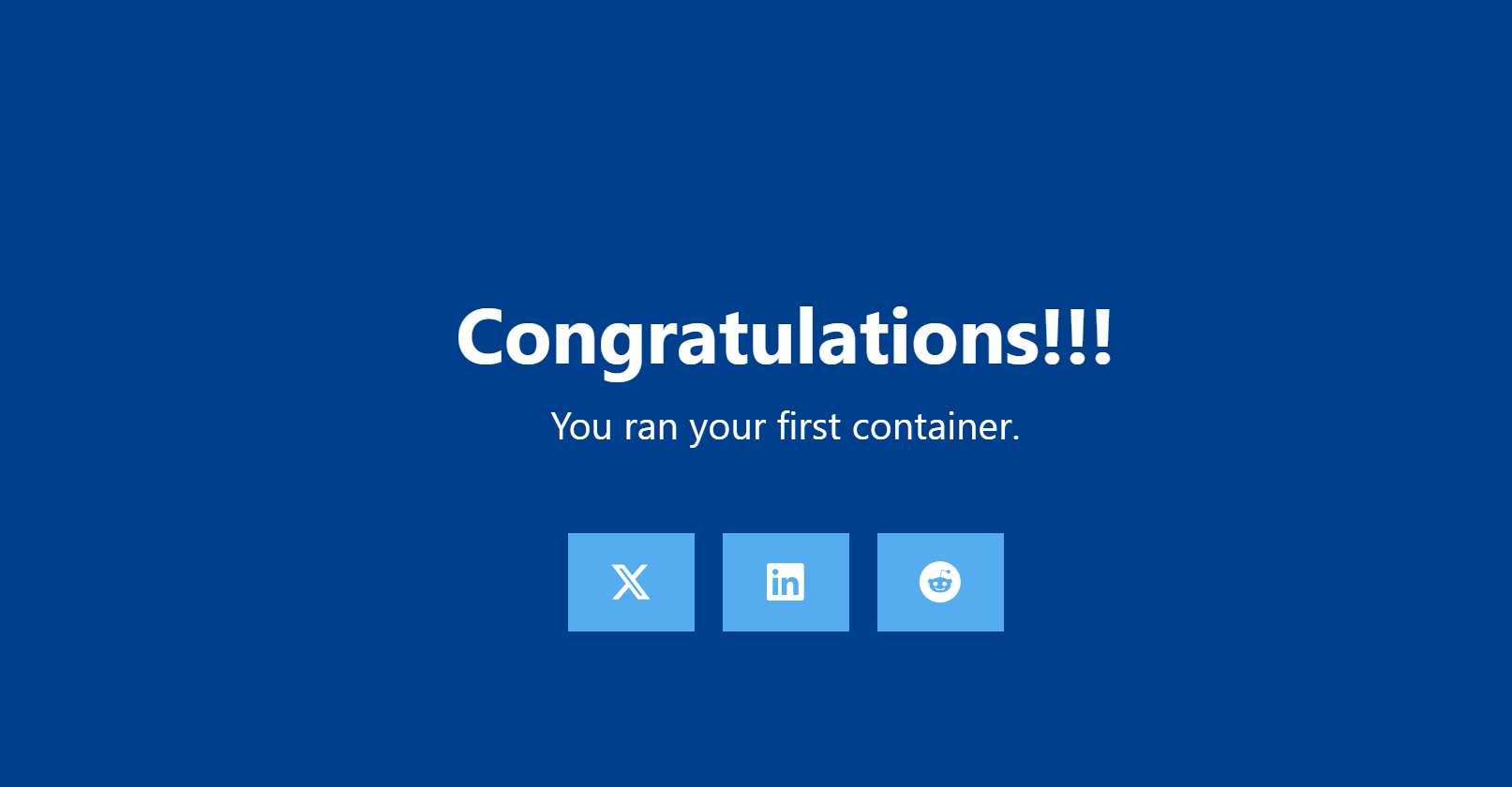
I installed Docker on my Windows 10 machine



Ran the command

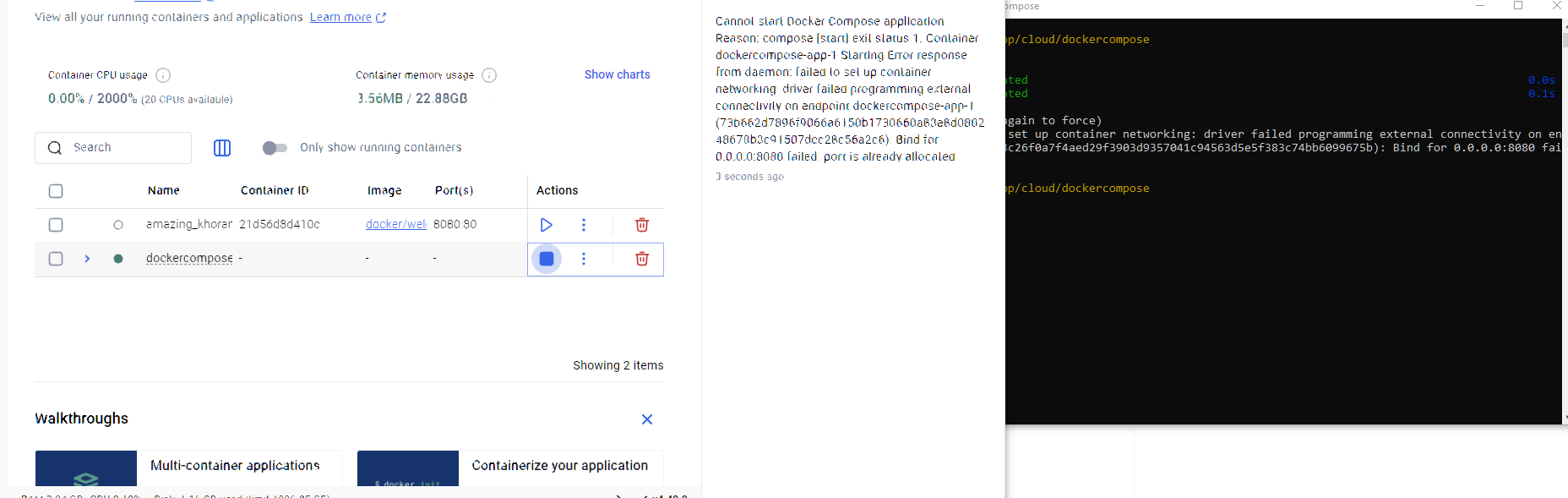
Then I verified it installed and was published





As you can see it is running on my localhost.

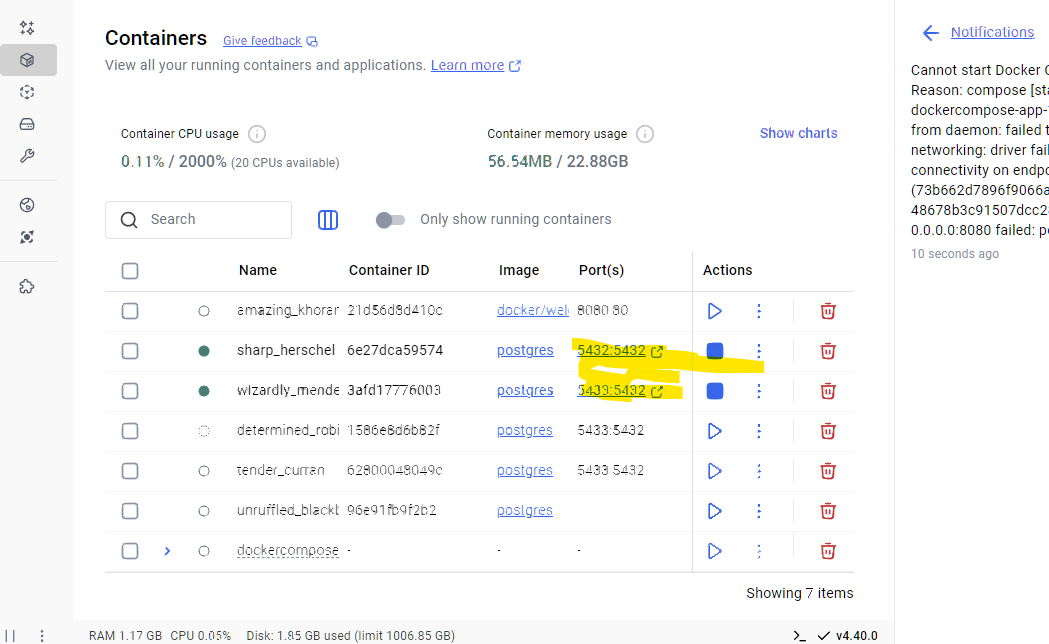
I created the yaml file



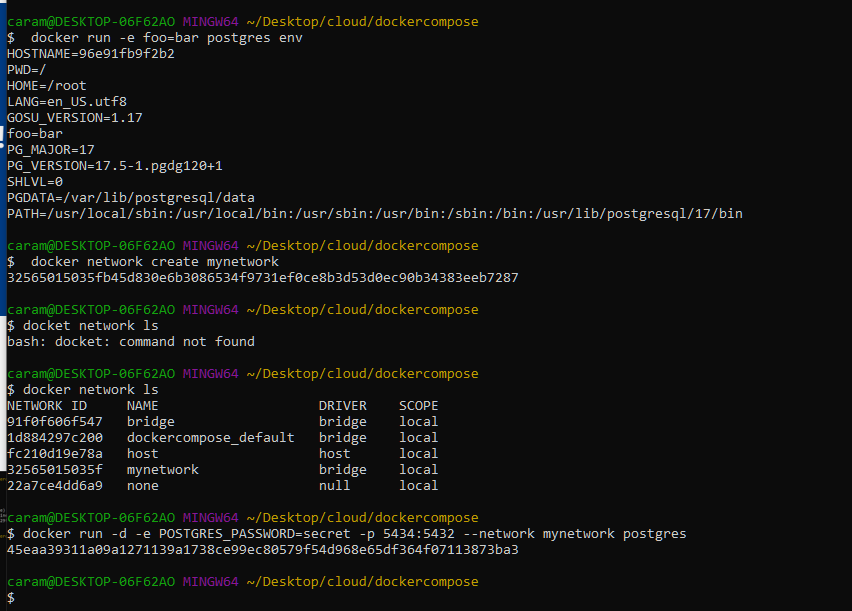
Had to shut down the previous Docker one to make this one work as the port was occupied.

**Overriding Container Defaults**

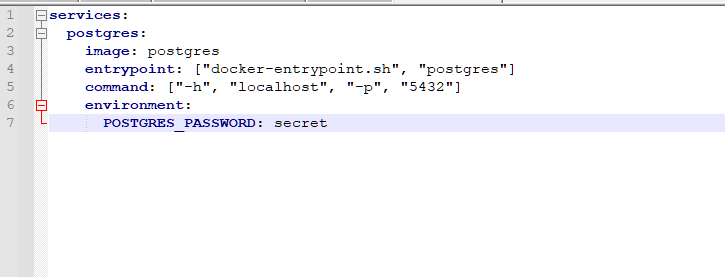
Both my containers are running



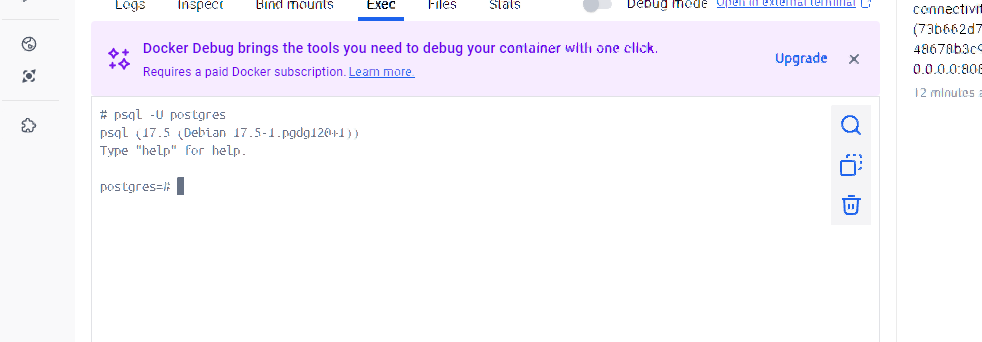
I have setup a custom network



Running the yaml file

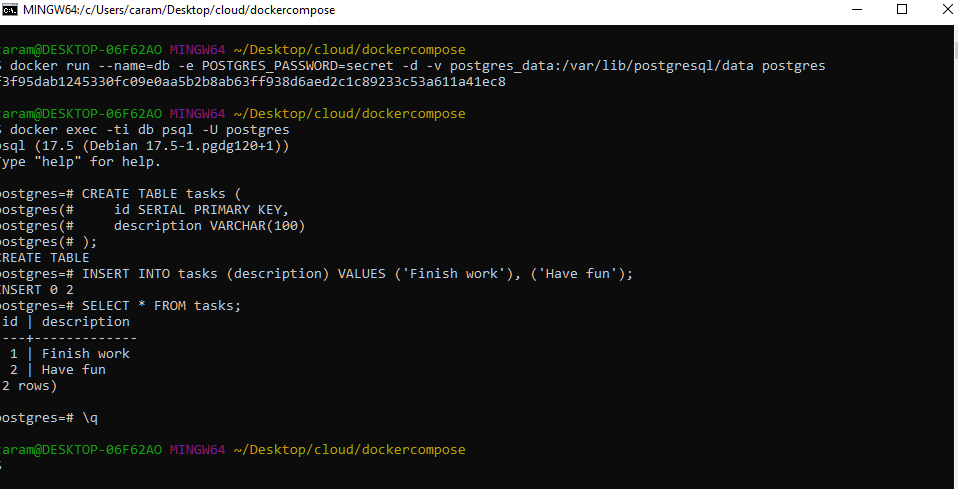


Verified psql is running

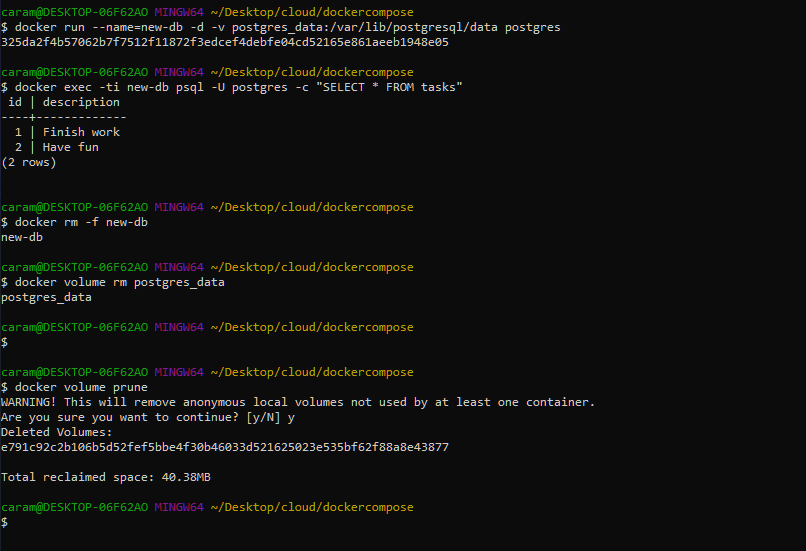


**Persisting container data**

**I ran the required commands**

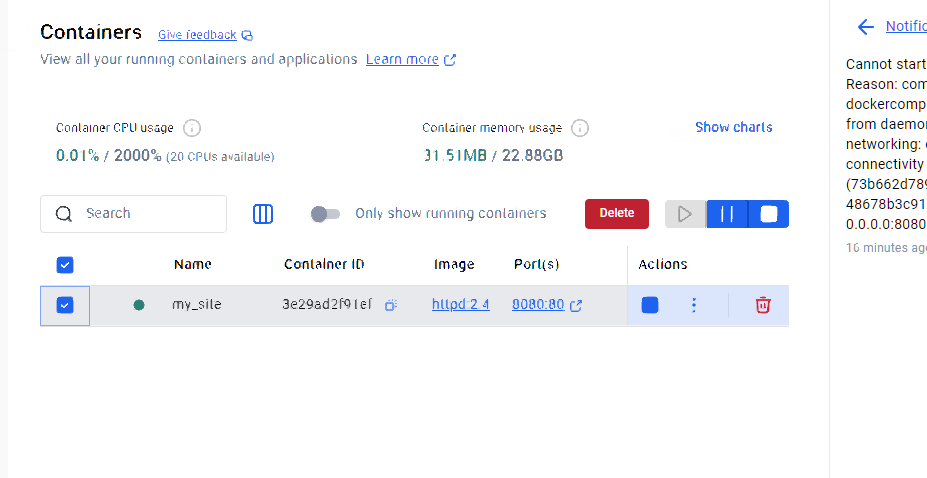
****

**I then created and removed the volume data**

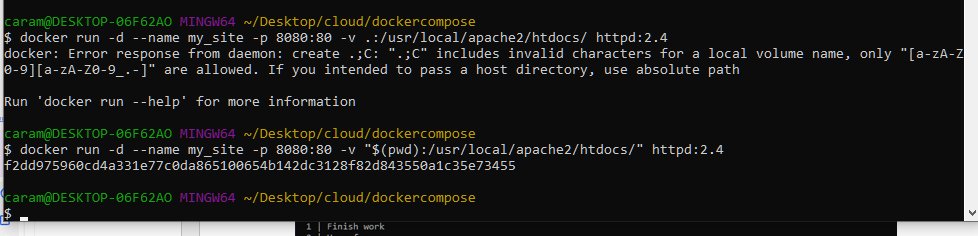
****

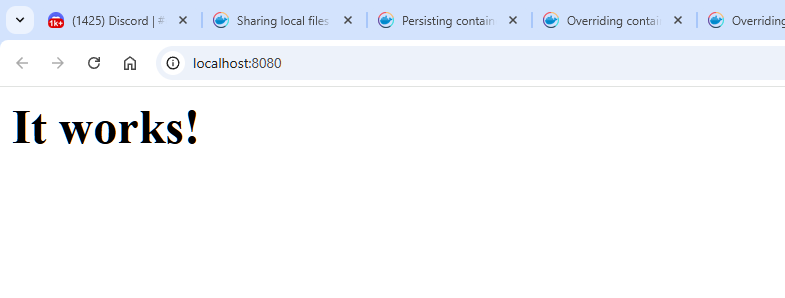
**Sharing local files**

**Requested container was deleted**

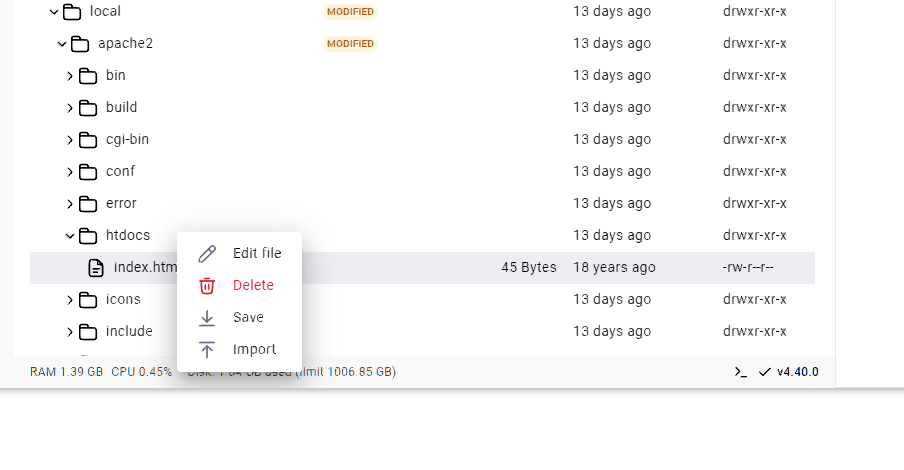
****

**Ran the commands one of which I had to fix to make run**

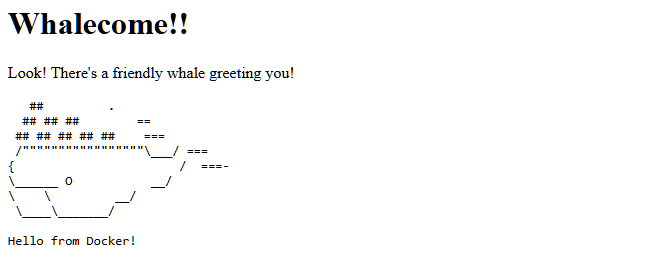
****

****

**I deleted the index under /usr/**

****

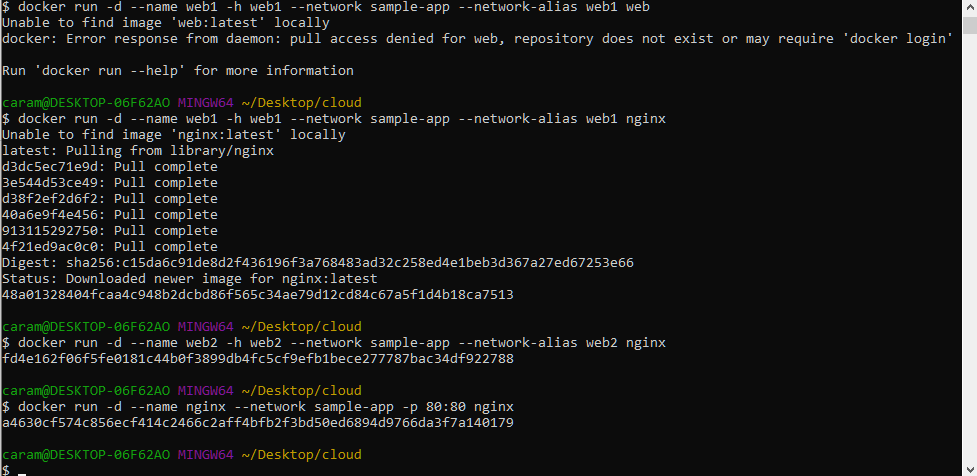
**Then recreated it**

****

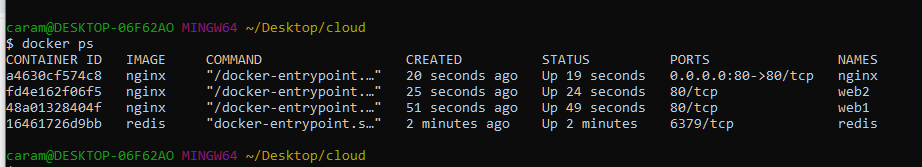
**Then deleted the container**

**Multi container applications**

**I ran the requested containers**

****

**They are all running**

****

****

**The number of web visits increments as I refresh the page**