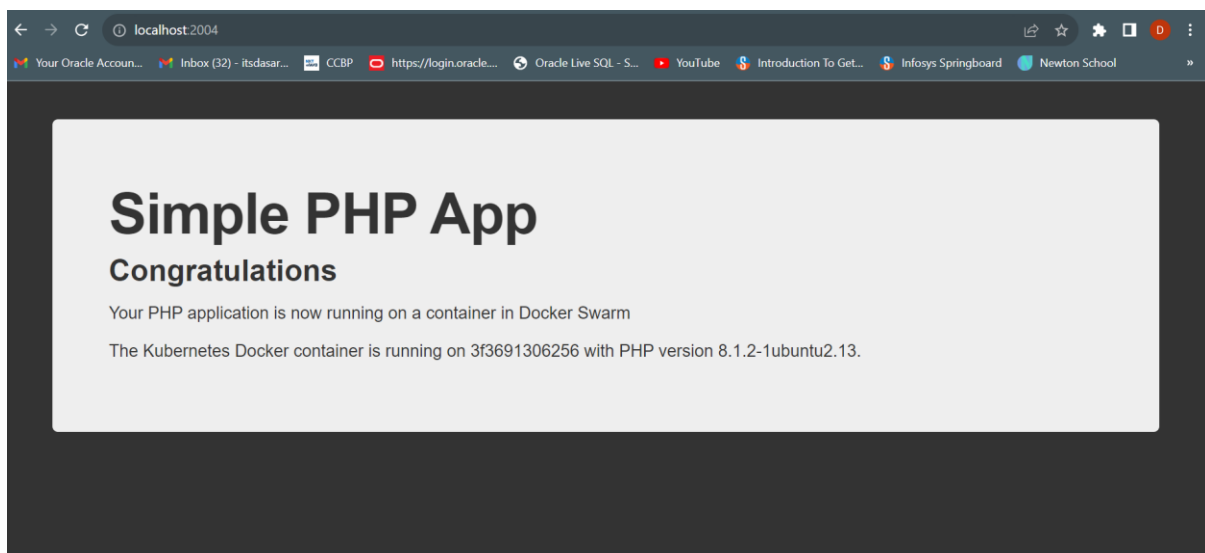# Container Scaling with Docker Swarm

Set up Docker Swarm and Deploy a Service:

```
E:\temp\Docker>docker service create -p 2004:80 --name webserver custom-docker-img
image custom-docker-img:latest could not be accessed on a registry to record
its digest. Each node will access custom-docker-img:latest independently,
possibly leading to different nodes running different
versions of the image.

j48xv91h8xsq530sbd1axawck
overall progress: 1 out of 1 tasks
1/1: running   [==================================================>]
verify: Service converged

E:\temp\Docker>docker service ls
ID              NAME          MODE         REPLICAS   IMAGE                        PORTS
m36pxkb0q73m    dockerdeploy  replicated   1/1        dockerdeployjenkins:latest   *:8002->80/tcp
j48xv91h8xsq    webserver     replicated   1/1        custom-docker-img:latest     *:2004->80/tcp

E:\temp\Docker>
```


Simple PHP App
Congratulations

Your PHP application is now running on a container in Docker Swarm

The Kubernetes Docker container is running on 3f3691306256 with PHP version 8.1.2-1ubuntu2.13.

Docker service scale

```
E:\temp\Docker>docker service scale  webserver=2
webserver scaled to 2
overall progress: 2 out of 2 tasks
1/2: running   [==================================================>]
2/2: running   [==================================================>]
verify: Service converged

E:\temp\Docker>docker service ls
ID              NAME          MODE         REPLICAS   IMAGE                        PORTS
m36pxkb0q73m    dockerdeploy  replicated   1/1        dockerdeployjenkins:latest   *:8002->80/tcp
j48xv91h8xsq    webserver     replicated   2/2        custom-docker-img:latest     *:2004->80/tcp

E:\temp\Docker>
```