

# Lab 2

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# 1 Publishing and Exposing Ports

```
PS C:\Users\mjcul> docker run -d -p 8080:80 docker/welcome-to-docker
Unable to find image 'docker/welcome-to-docker:latest' locally
740091335c74: Pull complete
da9c2e764c5b: Pull complete
ade17ad21ef4: Pull complete
4e6f462c8a69: Pull complete
1324d9977cd2: Pull complete
1b9b96da2c74: Pull complete
5d329b1e101a: Pull complete
Digest: sha256:eedaff45e3c78538087bdd9dc7afafac7e110061bbdd836af4104b10f10ab693
Status: Downloaded newer image for docker/welcome-to-docker:latest
87d06b35879f32b2be664f30ded79686d63c83d06c6cc6a927143b80a6c8cb12
PS C:\Users\mjcul>
```

### Containers


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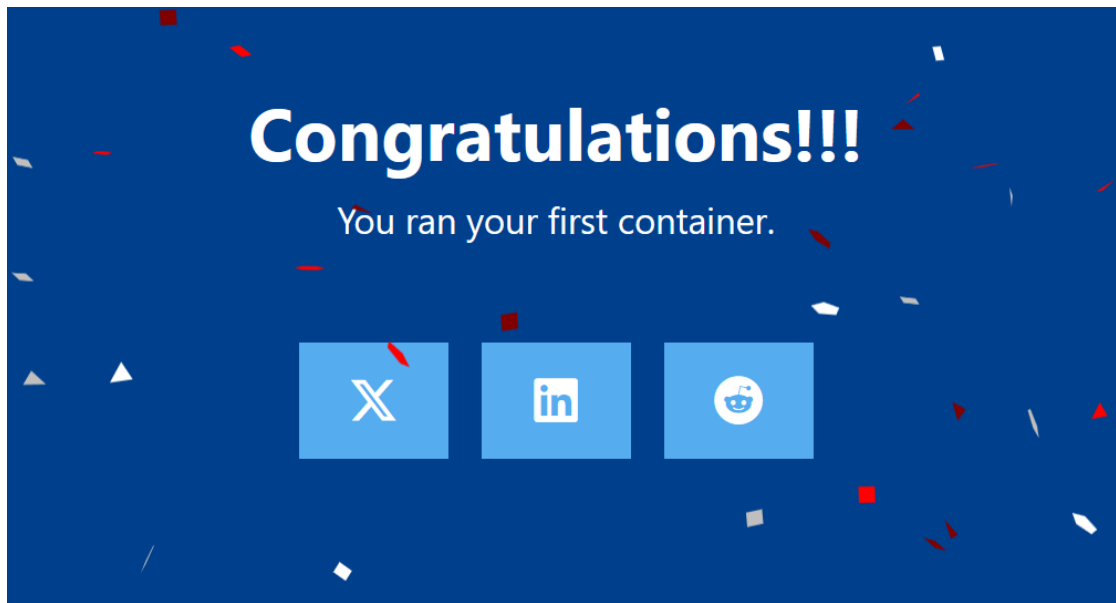
Container CPU usage ⓘ  
No containers are running.

Container memory usage ⓘ  
No containers are running.

Show charts

 ☐ Only show running containers

<input type="checkbox"/>	Name	Container ID	Image	Port(s)	CPU (%)	Last start	Actions
<input type="checkbox"/>	 frosty_lamarr	87d06b35879f	<a href="#">docker/wel</a>	8080:80	N/A	2 hours ago	  



```
Terminal

Mode                LastWriteTime         Length Name
----                -
-a-----         05/03/2025   14:20             83 compose.yaml

PS C:\Users\mjcul\Github\Cloud-Data-Centers\lab2> docker compose up
[+] Running 2/2
 ✓ Network lab2_default Created                                0.3s
 ✓ Container lab2-app-1 Created                                0.2s
Attaching to app-1
app-1 | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
app-1 | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
app-1 | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
```