Network Administration/System Administration (NTU CSIE, Spring 2024) Lab 5 - Docker & Kubernetes
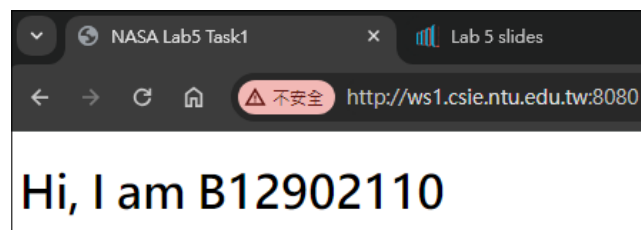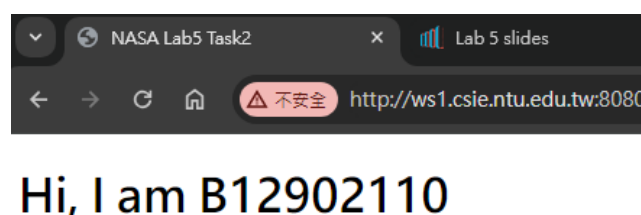
B12902110 呂承諺

March 22, 2024

Task 1

Task 2

Dockerfile:

```
FROM ubuntu:22.04
RUN apt-get update && apt-get install -y nginx
COPY index.html /var/www/html/index.html
EXPOSE 80
ENTRYPOINT [ "nginx", "-g", "daemon off;" ]
```

Task 3

```
user@nasa-lab5:~$ kubectl events --for deployment/lab5-b12902110
LAST SEEN   TYPE     REASON               OBJECT                       MESSAGE
2m1s        Normal   ScalingReplicaSet    Deployment/lab5-b12902110    Scaled up replica set lab5-b12902110-59cb554f9d to 1
62s         Normal   ScalingReplicaSet    Deployment/lab5-b12902110    Scaled up replica set lab5-b12902110-9bf879d5c to 1
60s         Normal   ScalingReplicaSet    Deployment/lab5-b12902110    Scaled down replica set lab5-b12902110-59cb554f9d to 0 from 1
```

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Hi, I am B12902110, updated