

Lab 3 - Zadanie

Łukasz Chudy 92844

plik.yaml

```
apiVersion: v1
kind: Pod
metadata:
  name: sidecar-pod
  namespace: lab3
spec:
  containers:
    - name: busybox-container
      image: busybox
      command: ["/bin/sh", "-c", "while true; do date >> /var/log/date.log; sleep 5; done"]
      volumeMounts:
        - name: shared-volume
          mountPath: /var/log

    - name: nginx-container
      image: nginx
      volumeMounts:
        - name: shared-volume
          mountPath: /usr/share/nginx/html

  volumes:
    - name: shared-volume
      hostPath:
        path: /shared-folder
```

Polecenia:

```
minikube start
cd "D:\Studia IX\3. Programowanie full-stack w chmurze\2023-10-17_Lab_3\Sprawozdanie"

kubectl create namespace lab3
kubectl create -f plik.yaml
```

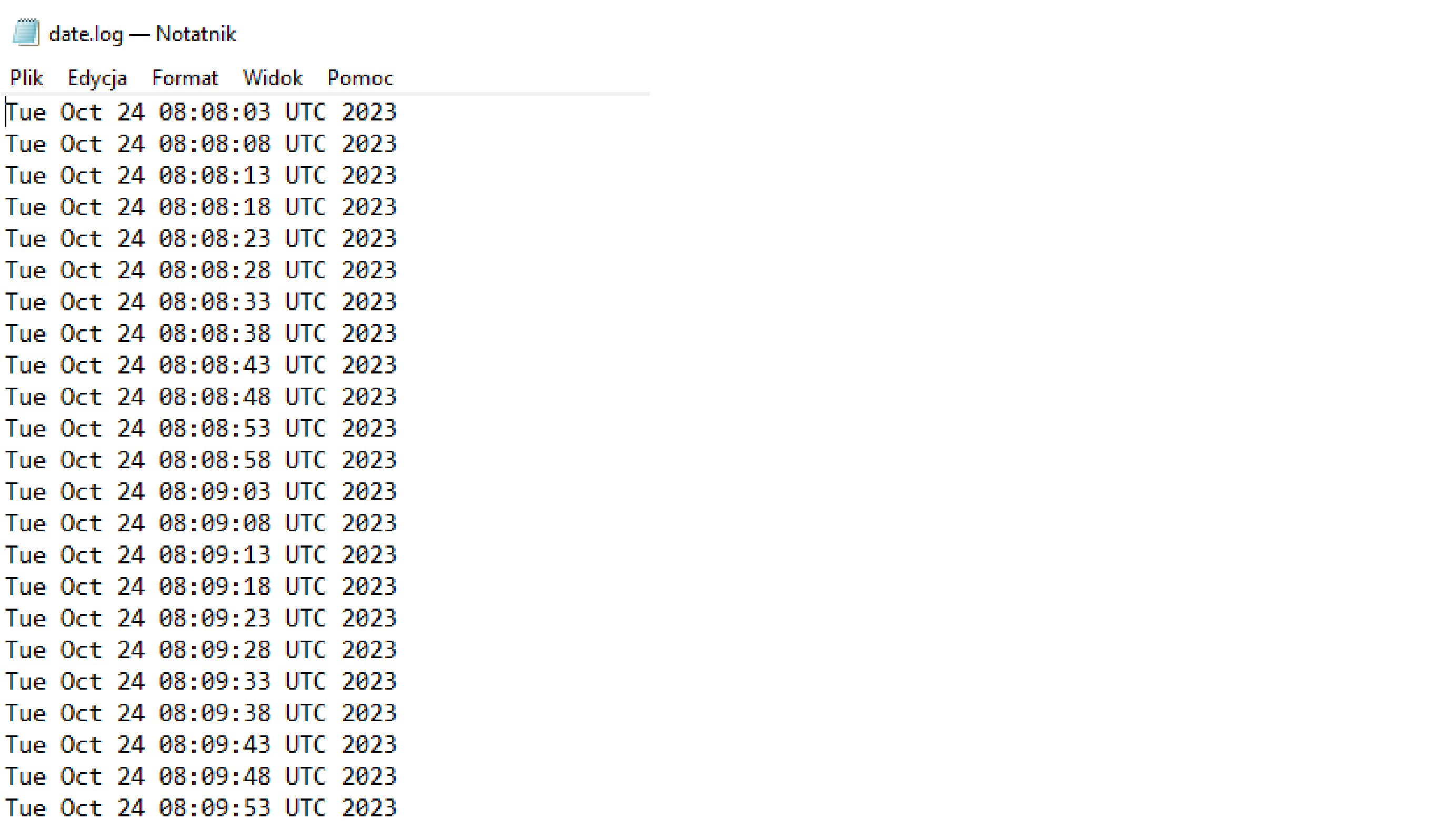
```
kubectl get pods --all-namespaces -o wide
```

Tutaj trochę eksperymentowałem, nie określiłem w port-forward namespace i mi błędy wyskakiwały. Możliwe że to polecenie nie jest potrzebne.

```
kubectl apply -f plik.yaml
```

```
kubectl port-forward -n lab3 sidecar-pod 8080:80
```

```
PS D:\Studia IX\3. Programowanie full-stack w chmurze\2023-10-17_Lab_3\Sprawozdanie> kubectl port-forward -n lab3 sidecar-pod 8080:80
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
Handling connection for 8080
```



```
StatusCode      : 200
StatusDescription : OK
Content          : {84, 117, 101, 32...}
RawContent       : HTTP/1.1 200 OK
                  Connection: keep-alive
                  Accept-Ranges: bytes
                  Content-Length: 8613
                  Content-Type: application/octet-stream
                  Date: Tue, 24 Oct 2023 08:32:45 GMT
                  ETag: "6537812b-21a5"
                  Last-Modified: ...
Headers          : {[Connection, keep-alive], [Accept-Ranges, bytes], [Content-Length, 8613], [Content-Type, applicati
                  on/octet-stream]...}
RawContentLength : 8613

PS C:\Users\lukas> █
```

```
PS C:\Users\lukas> kubectl get pods -n lab3
NAME          READY   STATUS    RESTARTS   AGE
sidecar-pod   2/2     Running   0           37m
PS C:\Users\lukas> █
```

```
kubectl exec -it -n lab3 sidecar-pod -c nginx-container
kubectl port-forward -n lab3 sidecar-pod 8081:80 &
```