Question 5
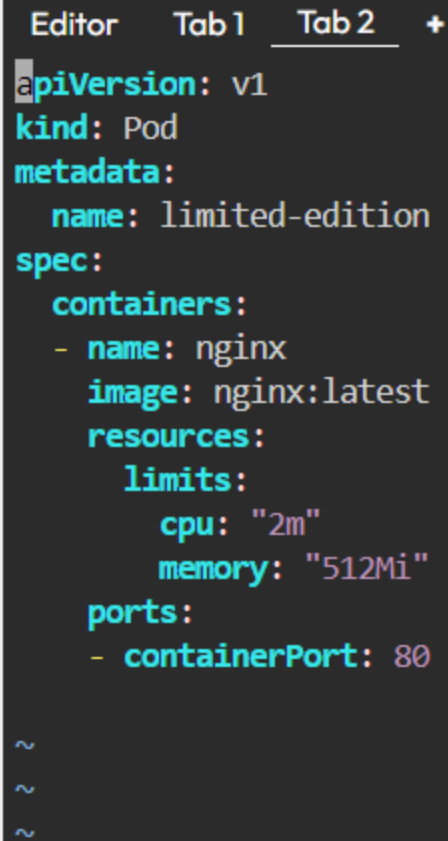
Creating **nginx** pod names limited-edition with resource contraints

```
touch limited-edition.yaml
vim limited-edition.yaml
```

```
controlplane $ touch limited-edition.yaml
controlplane $ vim limited-edition.yaml
```

```
Editor    Tab 1    Tab 2    +
apiVersion: v1
kind: Pod
metadata:
  name: limited-edition
spec:
  containers:
  - name: nginx
    image: nginx:latest
    resources:
      limits:
        cpu: "2m"
        memory: "512Mi"
    ports:
    - containerPort: 80


~
~
~
```

Applying to pod

```
kubectl apply -f limited-edition.yaml
```

```
controlplane $ kubectl apply -f limited-edition.yaml
pod/limited-edition created
controlplane $ ▯
```

Verifying the pod creation and running state

```
kubectl get pods | grep limited
```

```
Editor   Tab 1   Tab 2   +
controlplane $ kubectl get pods | grep limited
limited-edition          1/1      Running  0           2m2s
controlplane $ ▮
```