Question 3

Creating a deployment with 2 replicas of nginx:1.7.9 listening on port 80 and named **web-app** with label **tier: frontend**

```
touch q3.yaml
vi q3.yaml
```

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: web-dep
  labels:
    tier: frontend
spec:
  replicas: 2
  selector:
    matchLabels:
      tier: frontend
  template:
    metadata:
      labels:
        tier: frontend
    spec:
      containers:
      - name: nginx
        image: nginx:1.7.9
        ports:
        - containerPort: 80
```

```
kubectl apply -f q3.yaml
```

```
controlplane $ kubectl apply -f q3.yaml
deployment.apps/web-dep created
```

```
kubectl get deployments
```

```
controlplane $ kubectl get deployments
NAME        READY    UP-TO-DATE    AVAILABLE    AGE
web-dep     2/2      2             2            86s
controlplane $
```