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Screenshots for experiment 4

```
ubuntu@master:~$ kubectl create deployment nginx --image=nginx
deployment.apps/nginx created
ubuntu@master:~$
```

```
ubuntu@master:~$ sudo nano deploy.yaml
```

```
ubuntu@master:~$ cat deploy.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: nginx-deployment
  labels:
    app: nginx
spec:
  replicas: 3
  selector:
    matchLabels:
      app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
      - name: nginx
        image: nginx:1.14.2
        ports:
        - containerPort: 80
ubuntu@master:~$
```

```
ubuntu@master:~$ kubectl create -f deploy.yaml
deployment.apps/nginx-deployment created
```

```
ubuntu@master:~$ kubectl get deploy
NAME                 READY   UP-TO-DATE   AVAILABLE   AGE
nginx                1/1     1            1           40m
nginx-deployment     3/3     3            3           23m
ubuntu@master:~$
```

```
ubuntu@master:~$ kubectl expose deployment.apps/nginx-deployment \
> --type="LoadBalancer"
service/nginx-deployment exposed
ubuntu@master:~$
```

```
ubuntu@master:~$ kubectl get svc
NAME               TYPE           CLUSTER-IP      EXTERNAL-IP   PORT(S)        AGE
kubernetes         ClusterIP      10.96.0.1       <none>        443/TCP        140m
nginx-deployment   LoadBalancer   10.96.232.159   <pending>     80:32553/TCP   80s
```

Not secure   3.135.65.227:32553

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.