# **Kubernetes DevOps Bootcamp Tasks**

**Scenario**:  
You are a DevOps Engineer at a web hosting company. You initially deployed an Nginx web server to serve static content for a new project. After upgrading to a newer version of Nginx, users reported issues with the application. To ensure service continuity, you need to roll back to the previous stable version.

# **Task 01**

**Objective:** Create an initial deployment for an Nginx application.

**Instructions**:

* Create a file named **nginx-deployment-v1.yaml.**
* Apply the deployment.
* Verify the deployment.

# **Task 02**

**Objective**: Update the deployment to a new version of Nginx.

**Instructions**:

* Create a new file named **nginx-deployment-v2.yaml.**
* Apply the new deployment.
* Verify the update.

# **Task 03**

**Objective**: Roll back the deployment to the previous version.

**Instructions**:

* Use the following command to roll back the deployment.
* Verify that the rollback was successful.
* Check the rollout history to see the versions.

# **Task 04**

**Objective**: Ensure the deployment is back to the previous version.

**Instructions**:

* Check the current version of the deployment.
* Access the application to confirm it's working as expected.

# **Task 05**

**Objective**: Delete the deployment and any associated resources.

**Instructions**:

* Delete the deployment.
* Confirm deletion.