Assignment 2 - Kubernetes

Week 2 tasks and deliverables:

1. Setting up Kubernetes

2. Deploying Kubernetes pods

2.1. 2a.jpg Screenshot of kubectl commands and port forwarding

2.2. 2b.jpg Nginx home page access through localhost

3. Seal healing, updates, and rollback with Kubernetes

deployment

3.1. 3a.jpg Screenshot showing deleted pod and seal healing of pods in a deployment

3.2. 3b.jpg Screenshot showing updates and revision history of a deployment

3.3. 3c.jpg Screenshot showing rollback of deployment

4. Scaling Kubernetes services

4.1. 4a.jpg Screenshot showing:

4.1.1. deployment and service creation

4.1.2. port forwarding

4.1.3. Scaling deployment

4.2. 4b.jpg Nginx home page access through localhost