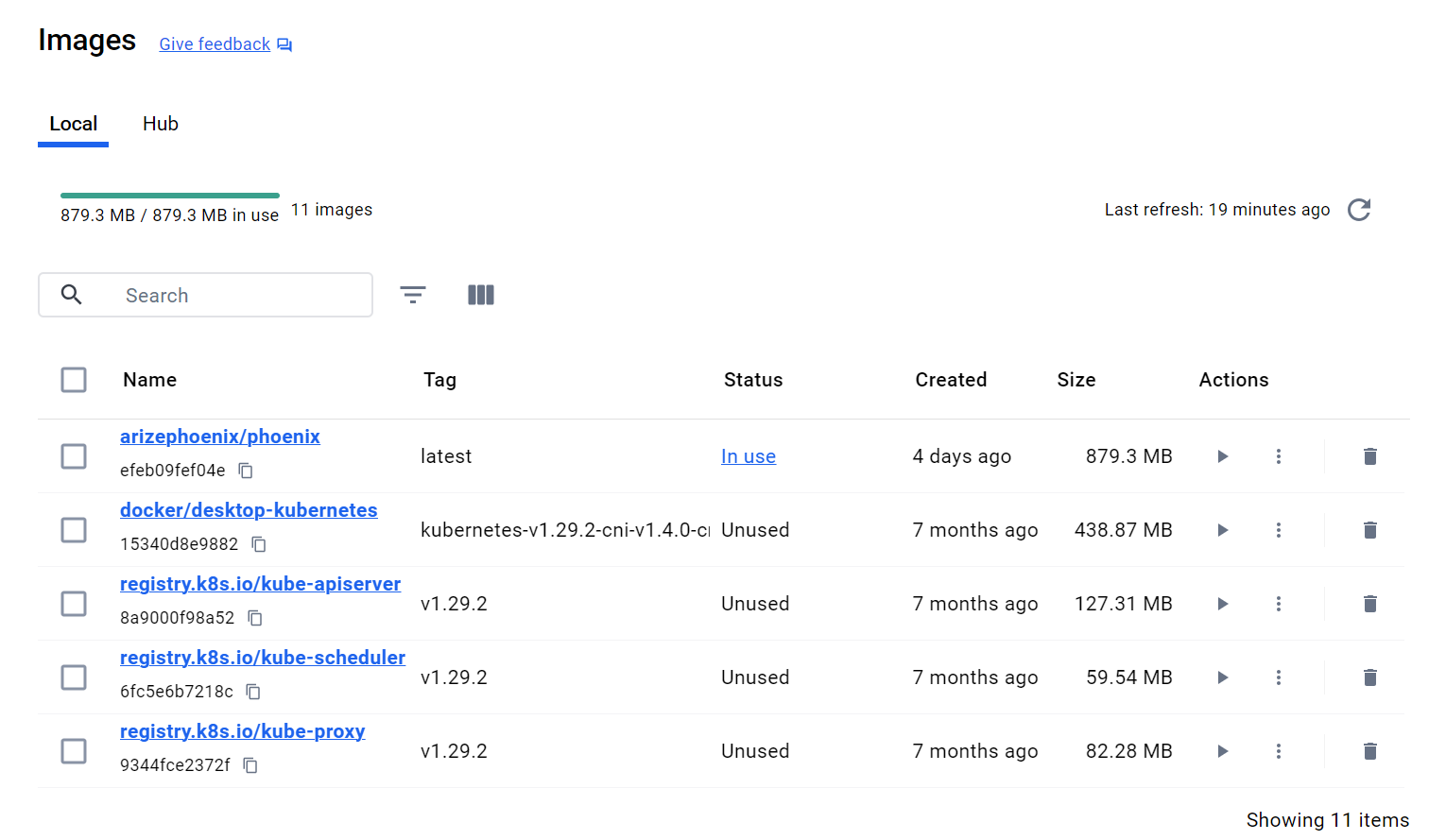
Assignment 1:

Enabled kubernetes in Docker Desktop:



1. Set Up Your Kubernetes Environment:

A screen shot of a computer

Description automatically generated

A computer screen with white text

Description automatically generated

2. Create a Pod Using the Imperative Method:

A screen shot of a computer

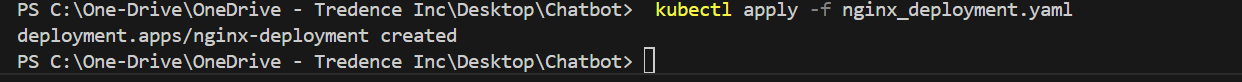
Description automatically generated

3. Access the Pod:

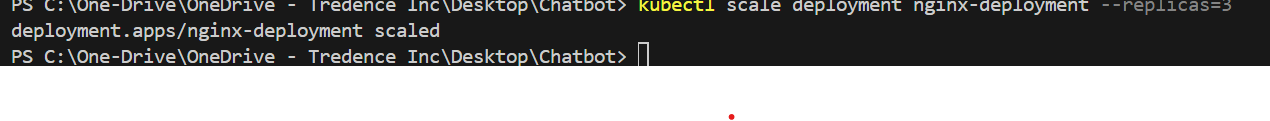
A screen shot of a computer

Description automatically generated

4. Create a Deployment Using the Declarative Method:



5. Scaling the Deployment:



A screenshot of a computer

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6. Clean Up Resources:

A screen shot of a computer

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A screen shot of a computer

Description automatically generated

Assignment 2:

1. Create a Secret:

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2. Create a Persistent Volume and Persistent Volume Claim:

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3. Create a Deployment Using the PVC and Secret:

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A screen shot of a computer

Description automatically generated

4. Access the Pods to Verify Configuration:

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5. Clean Up Resources:

A screen shot of a computer screen

Description automatically generated

A screen shot of a computer

Description automatically generated